

Anarchic Structures and Balances of Power

Two tasks remain: first, to examine the characteristics of anarchy and the expectations about outcomes associated with anarchic realms; second, to examine the ways in which expectations vary as the structure of an anarchic system changes through changes in the distribution of capabilities across nations. The second task, undertaken in Chapters 7, 8, and 9, requires comparing different international systems. The first, which I now turn to, is best accomplished by drawing some comparisons between behavior and outcomes in anarchic and hierarchic realms.

I

1. VIOLENCE AT HOME AND ABROAD

The state among states, it is often said, conducts its affairs in the brooding shadow of violence. Because some states may at any time use force, all states must be prepared to do so—or live at the mercy of their militarily more vigorous neighbors. Among states, the state of nature is a state of war. This is meant not in the sense that war constantly occurs but in the sense that, with each state deciding for itself whether or not to use force, war may at any time break out. Whether in the family, the community, or the world at large, contact without at least occasional conflict is inconceivable; and the hope that in the absence of an agent to manage or to manipulate conflicting parties the use of force will always be avoided cannot be realistically entertained. Among men as among states, anarchy, or the absence of government, is associated with the occurrence of violence.

The threat of violence and the recurrent use of force are said to distinguish international from national affairs. But in the history of the world surely most rulers have had to bear in mind that their subjects might use force to resist or

overthrow them. If the absence of government is associated with the threat of violence, so also is its presence. A haphazard list of national tragedies illustrates the point all too well. The most destructive wars of the hundred years following the defeat of Napoleon took place not among states but *within* them. Estimates of deaths in China's Taiping Rebellion, which began in 1851 and lasted 13 years, range as high as 20 million. In the American Civil War some 600 thousand people lost their lives. In more recent history, forced collectivization and Stalin's purges eliminated five million Russians, and Hitler exterminated six million Jews. In some Latin American countries, coups d'états and rebellions have been normal features of national life. Between 1948 and 1957, for example, 200 thousand Colombians were killed in civil strife. In the middle 1970s most inhabitants of Idi Amin's Uganda must have felt their lives becoming nasty, brutish, and short, quite as in Thomas Hobbes's state of nature. If such cases constitute aberrations, they are uncomfortably common ones. We easily lose sight of the fact that struggles to achieve and maintain power, to establish order, and to contrive a kind of justice within states, may be bloodier than wars among them.

If anarchy is identified with chaos, destruction, and death, then the distinction between anarchy and government does not tell us much. Which is more precarious: the life of a state among states, or of a government in relation to its subjects? The answer varies with time and place. Among some states at some times, the actual or expected occurrence of violence is low. Within some states at some times, the actual or expected occurrence of violence is high. The use of force, or the constant fear of its use, are not sufficient grounds for distinguishing international from domestic affairs. If the possible and the actual use of force mark both national and international orders, then no durable distinction between the two realms can be drawn in terms of the use or the nonuse of force. No human order is proof against violence.

To discover qualitative differences between internal and external affairs one must look for a criterion other than the occurrence of violence. The distinction between international and national realms of politics is not found in the use or the nonuse of force but in their different structures. But if the dangers of being violently attacked are greater, say, in taking an evening stroll through downtown Detroit than they are in picnicking along the French and German border, what practical difference does the difference of structure make? Nationally as internationally, contact generates conflict and at times issues in violence. The difference between national and international politics lies not in the use of force but in the different modes of organization for doing something about it. A government, ruling by some standard of legitimacy, arrogates to itself the right to use force—that is, to apply a variety of sanctions to control the use of force by its subjects. If some use private force, others may appeal to the government. A government has no monopoly on the use of force, as is all too evident. An effec-

tive government, however, has a monopoly on the *legitimate* use of force, and legitimate here means that public agents are organized to prevent and to counter the private use of force. Citizens need not prepare to defend themselves. Public agencies do that. A national system is not one of self-help. The international system is.

2. INTERDEPENDENCE AND INTEGRATION

The political significance of interdependence varies depending on whether a realm is organized, with relations of authority specified and established, or remains formally unorganized. Insofar as a realm is formally organized, its units are free to specialize, to pursue their own interests without concern for developing the means of maintaining their identity and preserving their security in the presence of others. They are free to specialize because they have no reason to fear the increased interdependence that goes with specialization. If those who specialize most benefit most, then competition in specialization ensues. Goods are manufactured, grain is produced, law and order are maintained, commerce is conducted, and financial services are provided by people who ever more narrowly specialize. In simple economic terms, the cobbler depends on the tailor for his pants and the tailor on the cobbler for his shoes, and each would be ill-clad without the services of the other. In simple political terms, Kansas depends on Washington for protection and regulation and Washington depends on Kansas for beef and wheat. In saying that in such situations interdependence is close, one need not maintain that the one part could not learn to live without the other. One need only say that the cost of breaking the interdependent relation would be high. Persons and institutions depend heavily on one another because of the different tasks they perform and the different goods they produce and exchange. The parts of a polity bind themselves together by their differences (cf. Durkheim 1893, p. 212).

Differences between national and international structures are reflected in the ways the units of each system define their ends and develop the means for reaching them. In anarchic realms, like units coact. In hierarchic realms, unlike units interact. In an anarchic realm, the units are functionally similar and tend to remain so. Like units work to maintain a measure of independence and may even strive for autarchy. In a hierarchic realm, the units are differentiated, and they tend to increase the extent of their specialization. Differentiated units become closely interdependent, the more closely so as their specialization proceeds. Because of the difference of structure, interdependence within and interdependence among nations are two distinct concepts. So as to follow the logicians' admonition to keep a single meaning for a given term throughout one's discourse, I shall use "integration" to describe the condition within nations and "interdependence" to describe the condition among them.

Although states are like units functionally, they differ vastly in their capabilities. Out of such differences something of a division of labor develops (see Chapter 9). The division of labor across nations, however, is slight in comparison with the highly articulated division of labor within them. Integration draws the parts of a nation closely together. Interdependence among nations leaves them loosely connected. Although the integration of nations is often talked about, it seldom takes place. Nations could mutually enrich themselves by further dividing not just the labor that goes into the production of goods but also some of the other tasks they perform, such as political management and military defense. Why does their integration not take place? The structure of international politics limits the cooperation of states in two ways.

In a self-help system each of the units spends a portion of its effort, not in forwarding its own good, but in providing the means of protecting itself against others. Specialization in a system of divided labor works to everyone's advantage, though not equally so. Inequality in the expected distribution of the increased product works strongly against extension of the division of labor internationally. When faced with the possibility of cooperating for mutual gain, states that feel insecure must ask how the gain will be divided. They are compelled to ask not "Will both of us gain?" but "Who will gain more?" If an expected gain is to be divided, say, in the ratio of two to one, one state may use its disproportionate gain to implement a policy intended to damage or destroy the other. Even the prospect of large absolute gains for both parties does not elicit their cooperation so long as each fears how the other will use its increased capabilities. Notice that the impediments to collaboration may not lie in the character and the immediate intention of either party. Instead, the condition of insecurity—at the least, the uncertainty of each about the other's future intentions and actions—works against their cooperation.

In any self-help system, units worry about their survival, and the worry conditions their behavior. Oligopolistic markets limit the cooperation of firms in much the way that international-political structures limit the cooperation of states. Within rules laid down by governments, whether firms survive and prosper depends on their own efforts. Firms need not protect themselves physically against assaults from other firms. They are free to concentrate on their economic interests. As economic entities, however, they live in a self-help world. All want to increase profits. If they run undue risks in the effort to do so, they must expect to suffer the consequences. As William Fellner says, it is "impossible to maximize joint gains without the collusive handling of all relevant variables." And this can be accomplished only by "complete disarmament of the firms in relation to each other." But firms cannot sensibly disarm even to increase their profits. This statement qualifies, rather than contradicts, the assumption that firms aim at maximum profits. To maximize profits tomorrow as well as today, firms first have to survive. Pooling all resources implies, again as Fellner puts it,

"discounting the future possibilities of all participating firms" (1949, p. 35). But the future cannot be discounted. The relative strength of firms changes over time in ways that cannot be foreseen. Firms are constrained to strike a compromise between maximizing their profits and minimizing the danger of their own demise. Each of two firms may be better off if one of them accepts compensation from the other in return for withdrawing from some part of the market. But a firm that accepts smaller markets in exchange for larger profits will be gravely disadvantaged if, for example, a price war should break out as part of a renewed struggle for markets. If possible, one must resist accepting smaller markets in return for larger profits (pp. 132, 217-18). "It is," Fellner insists, "not advisable to disarm in relation to one's rivals" (p. 199). Why not? Because "the potentiality of renewed warfare always exists" (p. 177). Fellner's reasoning is much like the reasoning that led Lenin to believe that capitalist countries would never be able to cooperate for their mutual enrichment in one vast imperialist enterprise. Like nations, oligopolistic firms must be more concerned with relative strength than with absolute advantage.

A state worries about a division of possible gains that may favor others more than itself. That is the first way in which the structure of international politics limits the cooperation of states. A state also worries lest it become dependent on others through cooperative endeavors and exchanges of goods and services. That is the second way in which the structure of international politics limits the cooperation of states. The more a state specializes, the more it relies on others to supply the materials and goods that it is not producing. The larger a state's imports and exports, the more it depends on others. The world's well-being would be increased if an ever more elaborate division of labor were developed, but states would thereby place themselves in situations of ever closer interdependence. Some states may not resist that. For small and ill-endowed states the costs of doing so are excessively high. But states that can resist becoming ever more enmeshed with others ordinarily do so in either or both of two ways. States that are heavily dependent, or closely interdependent, worry about securing that which they depend on. The high interdependence of states means that the states in question experience, or are subject to, the common vulnerability that high interdependence entails. Like other organizations, states seek to control what they depend on or to lessen the extent of their dependency. This simple thought explains quite a bit of the behavior of states: their imperial thrusts to widen the scope of their control and their autarchic strivings toward greater self-sufficiency.

Structures encourage certain behaviors and penalize those who do not respond to the encouragement. Nationally, many lament the extreme development of the division of labor, a development that results in the allocation of ever narrower tasks to individuals. And yet specialization proceeds, and its extent is a measure of the development of societies. In a formally organized realm a

premium is put on each unit's being able to specialize in order to increase its value to others in a system of divided labor. The domestic imperative is "specialize"! Internationally, many lament the resources states spend unproductively for their own defense and the opportunities they miss to enhance the welfare of their people through cooperation with other states. And yet the ways of states change little. In an unorganized realm each unit's incentive is to put itself in a position to be able to take care of itself since no one else can be counted on to do so. The international imperative is "take care of yourself"! Some leaders of nations may understand that the well-being of all of them would increase through their participation in a fuller division of labor. But to act on the idea would be to act on a domestic imperative, an imperative that does not run internationally. What one might want to do in the absence of structural constraints is different from what one is encouraged to do in their presence. States do not willingly place themselves in situations of increased dependence. In a self-help system, considerations of security subordinate economic gain to political interest.

What each state does for itself is much like what all of the others are doing. They are denied the advantages that a full division of labor, political as well as economic, would provide. Defense spending, moreover, is unproductive for all and unavoidable for most. Rather than increased well-being, their reward is in the maintenance of their autonomy. States compete, but not by contributing their individual efforts to the joint production of goods for their mutual benefit. Here is a second big difference between international-political and economic systems, one which is discussed in part I, section 4, of the next chapter.

3. STRUCTURES AND STRATEGIES

That motives and outcomes may well be disjoined should now be easily seen. Structures cause actions to have consequences they were not intended to have. Surely most of the actors will notice that, and at least some of them will be able to figure out why. They may develop a pretty good sense of just how structures work their effects. Will they not then be able to achieve their original ends by appropriately adjusting their strategies? Unfortunately, they often cannot. To show why this is so I shall give only a few examples; once the point is made, the reader will easily think of others.

If shortage of a commodity is expected, all are collectively better off if they buy less of it in order to moderate price increases and to distribute shortages equitably. But because some will be better off if they lay in extra supplies quickly, all have a strong incentive to do so. If one expects others to make a run on a bank, one's prudent course is to run faster than they do even while knowing that if few others run, the bank will remain solvent, and if many run, it will fail. In such cases, pursuit of individual interest produces collective results that nobody

wants, yet individuals by behaving differently will hurt themselves without altering outcomes. These two much used examples establish the main point. Some courses of action I cannot sensibly follow unless you do too, and you and I cannot sensibly follow them unless we are pretty sure that many others will as well. Let us go more deeply into the problem by considering two further examples in some detail.

Each of many persons may choose to drive a private car rather than take a train. Cars offer flexibility in scheduling and in choice of destination; yet at times, in bad weather for example, railway passenger service is a much wanted convenience. Each of many persons may shop in supermarkets rather than at corner grocery stores. The stocks of supermarkets are larger, and their prices lower; yet at times the corner grocery store, offering, say, credit and delivery service, is a much wanted convenience. The result of most people usually driving their own cars and shopping at supermarkets is to reduce passenger service and to decrease the number of corner grocery stores. These results may not be what most people want. They may be willing to pay to prevent services from disappearing. And yet individuals can do nothing to affect the outcomes. Increased patronage *would* do it, but not increased patronage by me and the few others I might persuade to follow my example.

We may well notice that our behavior produces unwanted outcomes, but we are also likely to see that such instances as these are examples of what Alfred E. Kahn describes as “large” changes that are brought about by the accumulation of “small” decisions. In such situations people are victims of the “tyranny of small decisions,” a phrase suggesting that “if one hundred consumers choose option x , and this causes the market to make decision X (where X equals $100x$), it is not necessarily true that those same consumers would have voted for that outcome if that large decision had ever been presented for their explicit consideration” (Kahn 1966, p. 523). If the market does not present the large question for decision, then individuals are doomed to making decisions that are sensible within their narrow contexts even though they know all the while that in making such decisions they are bringing about a result that most of them do not want. Either that or they organize to overcome some of the effects of the market by changing its structure—for example, by bringing consumer units roughly up to the size of the units that are making producers’ decisions. This nicely makes the point: So long as one leaves the structure unaffected it is not possible for changes in the intentions and the actions of particular actors to produce desirable outcomes or to avoid undesirable ones. Structures may be changed, as just mentioned, by changing the distribution of capabilities across units. Structures may also be changed by imposing requirements where previously people had to decide for themselves. If some merchants sell on Sunday, others may have to do so in order to remain competitive even though most prefer a six-day week. Most are able to do as they

please only if all are required to keep comparable hours. The only remedies for strong structural effects are structural changes.

Structural constraints cannot be wished away, although many fail to understand this. In every age and place, the units of self-help systems—nations, corporations, or whatever—are told that the greater good, along with their own, requires them to act for the sake of the system and not for their own narrowly defined advantage. In the 1950s, as fear of the world’s destruction in nuclear war grew, some concluded that the alternative to world destruction was world disarmament. In the 1970s, with the rapid growth of population, poverty, and pollution, some concluded, as one political scientist put it, that “states must meet the needs of the political ecosystem in its global dimensions or court annihilation” (Sterling 1974, p. 336). The international interest must be served; and if that means anything at all, it means that national interests are subordinate to it. The problems are found at the global level. Solutions to the problems continue to depend on national policies. What are the conditions that would make nations more or less willing to obey the injunctions that are so often laid on them? How can they resolve the tension between pursuing their own interests and acting for the sake of the system? No one has shown how that can be done, although many wring their hands and plead for rational behavior. The very problem, however, is that rational behavior, given structural constraints, does not lead to the wanted results. With each country constrained to take care of itself, no one can take care of the system.*

A strong sense of peril and doom may lead to a clear definition of ends that must be achieved. Their achievement is not thereby made possible. The possibility of effective action depends on the ability to provide necessary means. It depends even more so on the existence of conditions that permit nations and other organizations to follow appropriate policies and strategies. World-shaking problems cry for global solutions, but there is no global agency to provide them. Necessities do not create possibilities. Wishing that final causes were efficient ones does not make them so.

Great tasks can be accomplished only by agents of great capability. That is why states, and especially the major ones, are called on to do what is necessary for the world’s survival. But states have to do whatever they think necessary for their own preservation, since no one can be relied on to do it for them. Why the advice to place the international interest above national interests is meaningless can be explained precisely in terms of the distinction between micro- and macro-

*Put differently, states face a “prisoners’ dilemma.” If each of two parties follows his own interest, both end up worse off than if each acted to achieve joint interests. For thorough examination of the logic of such situations, see Snyder and Diesing 1977; for brief and suggestive international applications, see Jervis, January 1978.

theories. Among economists the distinction is well understood. Among political scientists it is not. As I have explained, a microeconomic theory is a theory of the market built up from assumptions about the behavior of individuals. The theory shows how the actions and interactions of the units form and affect the market and how the market in turn affects them. A macrotheory is a theory about the national economy built on supply, income, and demand as systemwide aggregates. The theory shows how these and other aggregates are interconnected and indicates how changes in one or some of them affect others and the performance of the economy. In economics, both micro- and macrotheories deal with large realms. The difference between them is found not in the size of the objects of study, but in the way the objects of study are approached and the theory to explain them is constructed. A macrotheory of international politics would show how the international system is moved by system-wide aggregates. One can imagine what some of them might be—amount of world GNP, amount of world imports and exports, of deaths in war, of everybody's defense spending, and of migration, for example. The theory would look something like a macroeconomic theory in the style of John Maynard Keynes, although it is hard to see how the international aggregates would make much sense and how changes in one or some of them would produce changes in others. I am not saying that such a theory cannot be constructed, but only that I cannot see how to do it in any way that might be useful. The decisive point, anyway, is that a macrotheory of international politics would lack the practical implications of macroeconomic theory. National governments can manipulate system-wide economic variables. No agencies with comparable capabilities exist internationally. Who would act on the possibilities of adjustment that a macrotheory of international politics might reveal? Even were such a theory available, we would still be stuck with nations as the only agents capable of acting to solve global problems. We would still have to revert to a micropolitical approach in order to examine the conditions that make benign and effective action by states separately and collectively more or less likely.

Some have hoped that changes in the awareness and purpose, in the organization and ideology, of states would change the quality of international life. Over the centuries states have changed in many ways, but the quality of international life has remained much the same. States may seek reasonable and worthy ends, but they cannot figure out how to reach them. The problem is not in their stupidity or ill will, although one does not want to claim that those qualities are lacking. The depth of the difficulty is not understood until one realizes that intelligence and goodwill cannot discover and act on adequate programs. Early in this century Winston Churchill observed that the British-German naval race promised disaster *and* that Britain had no realistic choice other than to run it. States facing global problems are like individual consumers trapped by the

"tyranny of small decisions." States, like consumers, can get out of the trap only by changing the structure of their field of activity. The message bears repeating: The only remedy for a strong structural effect is a structural change.

4. THE VIRTUES OF ANARCHY

To achieve their objectives and maintain their security, units in a condition of anarchy—be they people, corporations, states, or whatever—must rely on the means they can generate and the arrangements they can make for themselves. Self-help is necessarily the principle of action in an anarchic order. A self-help situation is one of high risk—of bankruptcy in the economic realm and of war in a world of free states. It is also one in which organizational costs are low. Within an economy or within an international order, risks may be avoided or lessened by moving from a situation of coordinate action to one of super- and subordination, that is, by erecting agencies with effective authority and extending a system of rules. Government emerges where the functions of regulation and management themselves become distinct and specialized tasks. The costs of maintaining a hierarchic order are frequently ignored by those who deplore its absence. Organizations have at least two aims: to get something done and to maintain themselves as organizations. Many of their activities are directed toward the second purpose. The leaders of organizations, and political leaders preeminently, are not masters of the matters their organizations deal with. They have become leaders not by being experts on one thing or another but by excelling in the organizational arts—in maintaining control of a group's members, in eliciting predictable and satisfactory efforts from them, in holding a group together. In making political decisions, the first and most important concern is not to achieve the aims the members of an organization may have but to secure the continuity and health of the organization itself (cf. Diesing 1962, pp. 198–204; Downs 1967, pp. 262–70).

Along with the advantages of hierarchic orders go the costs. In hierarchic orders, moreover, the means of control become an object of struggle. Substantive issues become entwined with efforts to influence or control the controllers. The hierarchic ordering of politics adds one to the already numerous objects of struggle, and the object added is at a new order of magnitude.

If the risks of war are unbearably high, can they be reduced by organizing to manage the affairs of nations? At a minimum, management requires controlling the military forces that are at the disposal of states. Within nations, organizations have to work to maintain themselves. As organizations, nations, in working to maintain themselves, sometimes have to use force against dissident elements and areas. As hierarchical systems, governments nationally or globally are disrupted by the defection of major parts. In a society of states with little coherence, attempts at world government would founder on the inability of an emerging cen-

tral authority to mobilize the resources needed to create and maintain the unity of the system by regulating and managing its parts. The prospect of world government would be an invitation to prepare for world civil war. This calls to mind Milovan Djilas's reminiscence of World War II. According to him, he and many Russian soldiers in their wartime discussions came to believe that human struggles would acquire their ultimate bitterness if all men were subject to the same social system, "for the system would be untenable as such and various sects would undertake the reckless destruction of the human race for the sake of its greater 'happiness' " (1962, p. 50). States cannot entrust managerial powers to a central agency unless that agency is able to protect its client states. The more powerful the clients and the more the power of each of them appears as a threat to the others, the greater the power lodged in the center must be. The greater the power of the center, the stronger the incentive for states to engage in a struggle to control it.

States, like people, are insecure in proportion to the extent of their freedom. If freedom is wanted, insecurity must be accepted. Organizations that establish relations of authority and control may increase security as they decrease freedom. If might does not make right, whether among people or states, then some institution or agency has intervened to lift them out of nature's realm. The more influential the agency, the stronger the desire to control it becomes. In contrast, units in an anarchic order act for their own sakes and not for the sake of preserving an organization and furthering their fortunes within it. Force is used for one's own interest. In the absence of organization, people or states are free to leave one another alone. Even when they do not do so, they are better able, in the absence of the politics of the organization, to concentrate on the politics of the problem and to aim for a minimum agreement that will permit their separate existence rather than a maximum agreement for the sake of maintaining unity. If might decides, then bloody struggles over right can more easily be avoided.

Nationally, the force of a government is exercised in the name of right and justice. Internationally, the force of a state is employed for the sake of its own protection and advantage. Rebels challenge a government's claim to authority; they question the rightfulness of its rule. Wars among states cannot settle questions of authority and right; they can only determine the allocation of gains and losses among contenders and settle for a time the question of who is the stronger. Nationally, relations of authority are established. Internationally, only relations of strength result. Nationally, private force used against a government threatens the political system. Force used by a state—a public body—is, from the international perspective, the private use of force; but there is no government to overthrow and no governmental apparatus to capture. Short of a drive toward world hegemony, the private use of force does not threaten the system of international politics, only some of its members. War pits some states against others in a

struggle among similarly constituted entities. The power of the strong may deter the weak from asserting their claims, not because the weak recognize a kind of rightfulness of rule on the part of the strong, but simply because it is not sensible to tangle with them. Conversely, the weak may enjoy considerable freedom of action if they are so far removed in their capabilities from the strong that the latter are not much bothered by their actions or much concerned by marginal increases in their capabilities.

National politics is the realm of authority, of administration, and of law. International politics is the realm of power, of struggle, and of accommodation. The international realm is preeminently a political one. The national realm is variously described as being hierarchic, vertical, centralized, heterogeneous, directed, and contrived; the international realm, as being anarchic, horizontal, decentralized, homogeneous, undirected, and mutually adaptive. The more centralized the order, the nearer to the top the locus of decisions ascends. Internationally, decisions are made at the bottom level, there being scarcely any other. In the vertical horizontal dichotomy, international structures assume the prone position. Adjustments are made internationally, but they are made without a formal or authoritative adjuster. Adjustment and accommodation proceed by mutual adaptation (cf. Barnard 1948, pp. 148–52; Polanyi 1941, pp. 428–56). Action and reaction, and reaction to the reaction, proceed by a piecemeal process. The parties feel each other out, so to speak, and define a situation simultaneously with its development. Among coordinate units, adjustment is achieved and accommodations arrived at by the exchange of "considerations," in a condition, as Chester Barnard put it, "in which the duty of command and the desire to obey are essentially absent" (pp. 150–51). Where the contest is over considerations, the parties seek to maintain or improve their positions by maneuvering, by bargaining, or by fighting. The manner and intensity of the competition is determined by the desires and the abilities of parties that are at once separate and interacting.

Whether or not by force, each state plots the course it thinks will best serve its interests. If force is used by one state or its use is expected, the recourse of other states is to use force or be prepared to use it singly or in combination. No appeal can be made to a higher entity clothed with the authority and equipped with the ability to act on its own initiative. Under such conditions the possibility that force will be used by one or another of the parties looms always as a threat in the background. In politics force is said to be the *ultima ratio*. In international politics force serves, not only as the *ultima ratio*, but indeed as the first and constant one. To limit force to being the *ultima ratio* of politics implies, in the words of Ortega y Gasset, "the previous submission of force to methods of reason" (quoted in Johnson 1966, p. 13). The constant possibility that force will be used limits manipulations, moderates demands, and serves as an incentive for the

settlement of disputes. One who knows that pressing too hard may lead to war has strong reason to consider whether possible gains are worth the risks entailed. The threat of force internationally is comparable to the role of the strike in labor and management bargaining. "The few strikes that take place are in a sense," as Livernash has said, "the cost of the strike option which produces settlements in the large mass of negotiations" (1963, p. 430). Even if workers seldom strike, their doing so is always a possibility. The possibility of industrial disputes leading to long and costly strikes encourages labor and management to face difficult issues, to try to understand each other's problems, and to work hard to find accommodations. The possibility that conflicts among nations may lead to long and costly wars has similarly sobering effects.

5. ANARCHY AND HIERARCHY

I have described anarchies and hierarchies as though every political order were of one type or the other. Many, and I suppose most, political scientists who write of structures allow for a greater, and sometimes for a bewildering, variety of types. Anarchy is seen as one end of a continuum whose other end is marked by the presence of a legitimate and competent government. International politics is then described as being flecked with particles of government and alloyed with elements of community—supranational organizations whether universal or regional, alliances, multinational corporations, networks of trade, and what not. International-political systems are thought of as being more or less anarchic.

Those who view the world as a modified anarchy do so, it seems, for two reasons. First, anarchy is taken to mean not just the absence of government but also the presence of disorder and chaos. Since world politics, although not reliably peaceful, falls short of unrelieved chaos, students are inclined to see a lessening of anarchy in each outbreak of peace. Since world politics, although not formally organized, is not entirely without institutions and orderly procedures, students are inclined to see a lessening of anarchy when alliances form, when transactions across national borders increase, and when international agencies multiply. Such views confuse structure with process, and I have drawn attention to that error often enough.

Second, the two simple categories of anarchy and hierarchy do not seem to accommodate the infinite social variety our senses record. Why insist on reducing the types of structure to two instead of allowing for a greater variety? Anarchies are ordered by the juxtaposition of similar units, but those similar units are not identical. Some specialization by function develops among them. Hierarchies are ordered by the social division of labor among units specializing in different tasks, but the resemblance of units does not vanish. Much duplication of effort continues. All societies are organized segmentally or hierarchically in greater or

lesser degree. Why not, then, define additional social types according to the mixture of organizing principles they embody? One might conceive of some societies approaching the purely anarchic, of others approaching the purely hierarchic, and of still others reflecting specified mixes of the two organizational types. In anarchies the exact likeness of units and the determination of relations by capability alone would describe a realm wholly of politics and power with none of the interaction of units guided by administration and conditioned by authority. In hierarchies the complete differentiation of parts and the full specification of their functions would produce a realm wholly of authority and administration with none of the interaction of parts affected by politics and power. Although such pure orders do not exist, to distinguish realms by their organizing principles is nevertheless proper and important.

Increasing the number of categories would bring the classification of societies closer to reality. But that would be to move away from a theory claiming explanatory power to a less theoretical system promising greater descriptive accuracy. One who wishes to explain rather than to describe should resist moving in that direction if resistance is reasonable. Is it? What does one gain by insisting on two types when admitting three or four would still be to simplify boldly? One gains clarity and economy of concepts. A new concept should be introduced only to cover matters that existing concepts do not reach. If some societies are neither anarchic nor hierarchic, if their structures are defined by some third ordering principle, then we would have to define a third system.* All societies are mixed. Elements in them represent both of the ordering principles. That does not mean that some societies are ordered according to a third principle. Usually one can easily identify the principle by which a society is ordered. The appearance of anarchic sectors within hierarchies does not alter and should not obscure the ordering principle of the larger system, for those sectors are anarchic only within limits. The attributes and behavior of the units populating those sectors within the larger system differ, moreover, from what they would be and how they would behave outside of it. Firms in oligopolistic markets again are perfect examples of this. They struggle against one another, but because they need not prepare to defend themselves physically, they can afford to specialize and to participate more fully in the division of economic labor than states can. Nor do the states that populate an anarchic world find it impossible to work with one another, to make agreements limiting their arms, and to cooperate in establishing organizations. Hierarchic elements within international structures limit and restrain the

*Emile Durkheim's depiction of solidary and mechanical societies still provides the best explication of the two ordering principles, and his logic in limiting the types of society to two continues to be compelling despite the efforts of his many critics to overthrow it (see esp. 1893). I shall discuss the problem at some length in a future work.

exercise of sovereignty but only in ways strongly conditioned by the anarchy of the larger system. The anarchy of that order strongly affects the likelihood of cooperation, the extent of arms agreements, and the jurisdiction of international organizations.

But what about borderline cases, societies that are neither clearly anarchic nor clearly hierarchic? Do they not represent a third type? To say that there are borderline cases is not to say that at the border a third type of system appears. All categories have borders, and if we have any categories at all, we have borderline cases. Clarity of concepts does not eliminate difficulties of classification. Was China from the 1920s to the 1940s a hierarchic or an anarchic realm? Nominally a nation, China looked more like a number of separate states existing alongside one another. Mao Tse-tung in 1930, like Bolshevik leaders earlier, thought that striking a revolutionary spark would "start a prairie fire." Revolutionary flames would spread across China, if not throughout the world. Because the interdependence of China's provinces, like the interdependence of nations, was insufficiently close, the flames failed to spread. So nearly autonomous were China's provinces that the effects of war in one part of the country were only weakly registered in other parts. Battles in the Hunan hills, far from sparking a national revolution, were hardly noticed in neighboring provinces. The interaction of largely self-sufficient provinces was slight and sporadic. Dependent neither on one another economically nor on the nation's center politically, they were not subject to the close interdependence characteristic of organized and integrated polities.

As a practical matter, observers may disagree in their answers to such questions as just when did China break down into anarchy, or whether the countries of Western Europe are slowly becoming one state or stubbornly remaining nine. The point of theoretical importance is that our expectations about the fate of those areas differ widely depending on which answer to the structural question becomes the right one. Structures defined according to two distinct ordering principles help to explain important aspects of social and political behavior. That is shown in various ways in the following pages. This section has explained why two, and only two, types of structure are needed to cover societies of all sorts.

II

How can a theory of international politics be constructed? Just as any theory must be. As Chapters 1 and 4 explain, first, one must conceive of international politics as a bounded realm or domain; second, one must discover some law-like regularities within it; and third, one must develop a way of explaining the observed regularities. The first of these was accomplished in Chapter 5. Chapter 6 so far has shown how political structures account for some recurrent aspects of

the behavior of states and for certain repeated and enduring patterns. Wherever agents and agencies are coupled by force and competition rather than by authority and law, we expect to find such behaviors and outcomes. They are closely identified with the approach to politics suggested by the rubric, *Realpolitik*. The elements of *Realpolitik*, exhaustively listed, are these: The ruler's, and later the state's, interest provides the spring of action; the necessities of policy arise from the unregulated competition of states; calculation based on these necessities can discover the policies that will best serve a state's interests; success is the ultimate test of policy, and success is defined as preserving and strengthening the state. Ever since Machiavelli, interest and necessity—and *raison d'état*, the phrase that comprehends them—have remained the key concepts of *Realpolitik*. From Machiavelli through Meinecke and Morgenthau the elements of the approach and the reasoning remain constant. Machiavelli stands so clearly as the exponent of *Realpolitik* that one easily slips into thinking that he developed the closely associated idea of balance of power as well. Although he did not, his conviction that politics can be explained in its own terms established the ground on which balance-of-power theory can be built.

Realpolitik indicates the methods by which foreign policy is conducted and provides a rationale for them. Structural constraints explain why the methods are repeatedly used despite differences in the persons and states who use them. Balance-of-power theory purports to explain the result that such methods produce. Rather, that is what the theory should do. If there is any distinctively political theory of international politics, balance-of-power theory is it. And yet one cannot find a statement of the theory that is generally accepted. Carefully surveying the copious balance-of-power literature, Ernst Haas discovered eight distinct meanings of the term, and Martin Wight found nine (1953, 1966). Hans Morgenthau, in his profound historical and analytic treatment of the subject, makes use of four different definitions (1973). Balance of power is seen by some as being akin to a law of nature; by others, as simply an outrage. Some view it as a guide to statesmen; others as a cloak that disguises their imperialist policies. Some believe that a balance of power is the best guarantee of the security of states and the peace of the world; others, that it has ruined states by causing most of the wars they have fought.*

To believe that one can cut through such confusion may seem quixotic. I shall nevertheless try. It will help to hark back to several basic propositions about theory. (1) A theory contains at least one theoretical assumption. Such assumptions are not factual. One therefore cannot legitimately ask if they are true, but

*Along with the explication of balance-of-power theory in the pages that follow, the reader may wish to consult a historical study of balance-of-power politics in practice. The best brief work is Wight (1973).

only if they are useful. (2) Theories must be evaluated in terms of what they claim to explain. Balance-of-power theory claims to explain the results of states' actions, under given conditions, and those results may not be foreshadowed in any of the actors' motives or be contained as objectives in their policies. (3) Theory, as a general explanatory system, cannot account for particularities.

Most of the confusions in balance-of-power theory, and criticisms of it, derive from misunderstanding these three points. A balance-of-power theory, properly stated, begins with assumptions about states: They are unitary actors who, at a minimum, seek their own preservation and, at a maximum, drive for universal domination. States, or those who act for them, try in more or less sensible ways to use the means available in order to achieve the ends in view. Those means fall into two categories: internal efforts (moves to increase economic capability, to increase military strength, to develop clever strategies) and external efforts (moves to strengthen and enlarge one's own alliance or to weaken and shrink an opposing one). The external game of alignment and realignment requires three or more players, and it is usually said that balance-of-power systems require at least that number. The statement is false, for in a two-power system the politics of balance continue, but the way to compensate for an incipient external disequilibrium is primarily by intensifying one's internal efforts. To the assumptions of the theory we then add the condition for its operation: that two or more states coexist in a self-help system, one with no superior agent to come to the aid of states that may be weakening or to deny to any of them the use of whatever instruments they think will serve their purposes. The theory, then, is built up from the assumed motivations of states and the actions that correspond to them. It describes the constraints that arise from the system that those actions produce, and it indicates the expected outcome: namely, the formation of balances of power. Balance-of-power theory is microtheory precisely in the economist's sense. The system, like a market in economics, is made by the actions and interactions of its units, and the theory is based on assumptions about their behavior.

A self-help system is one in which those who do not help themselves, or who do so less effectively than others, will fail to prosper, will lay themselves open to dangers, will suffer. Fear of such unwanted consequences stimulates states to behave in ways that tend toward the creation of balances of power. Notice that the theory requires no assumptions of rationality or of constancy of will on the part of all of the actors. The theory says simply that if some do relatively well, others will emulate them or fall by the wayside. Obviously, the system won't work if all states lose interest in preserving themselves. It will, however, continue to work if some states do, while others do not, choose to lose their political identities, say, through amalgamation. Nor need it be assumed that all of the competing states are striving relentlessly to increase their power. The possibility

that force may be used by some states to weaken or destroy others does, however, make it difficult for them to break out of the competitive system.

The meaning and importance of the theory are made clear by examining prevalent misconceptions of it. Recall our first proposition about theory. A theory contains assumptions that are theoretical, not factual. One of the most common misunderstandings of balance-of-power theory centers on this point. The theory is criticized because its assumptions are erroneous. The following statement can stand for a host of others:

If nations were in fact unchanging units with no permanent ties to each other, and if all were motivated primarily by a drive to maximize their power, except for a single balancer whose aim was to prevent any nation from achieving preponderant power, a balance of power might in fact result. But we have seen that these assumptions are not correct, and since the assumptions of the theory are wrong, the conclusions are also in error (Organski 1968, p. 292).

The author's incidental error is that he has compounded a sentence some parts of which are loosely stated assumptions of the theory, and other parts not. His basic error lies in misunderstanding what an assumption is. From previous discussion, we know that assumptions are neither true nor false and that they are essential for the construction of theory. We can freely admit that states are in fact not unitary, purposive actors. States pursue many goals, which are often vaguely formulated and inconsistent. They fluctuate with the changing currents of domestic politics, are prey to the vagaries of a shifting cast of political leaders, and are influenced by the outcomes of bureaucratic struggles. But all of this has always been known, and it tells us nothing about the merits of balance-of-power theory.

A further confusion relates to our second proposition about theory. Balance-of-power theory claims to explain a result (the recurrent formation of balances of power), which may not accord with the intentions of any of the units whose actions combine to produce that result. To contrive and maintain a balance may be the aim of one or more states, but then again it may not be. According to the theory, balances of power tend to form whether some or all states consciously aim to establish and maintain a balance, or whether some or all states aim for universal domination.* Yet many, and perhaps most, statements of balance-of-power theory attribute the maintenance of a balance to the separate states as a motive. David Hume, in his classic essay "Of the Balance of Power," offers "the maxim of preserving the balance of power" as a constant rule of prudent politics (1742, pp. 142-44). So it may be, but it has proved to be an unfortunately short

*Looking at states over a wide span of time and space, Dowty concludes that in no case were shifts in alliances produced "by considerations of an overall balance of power" (1969, p. 95).

step from the belief that a high regard for preserving a balance is at the heart of wise statesmanship to the belief that states must follow the maxim if a balance of power is to be maintained. This is apparent in the first of Morgenthau's four definitions of the term: namely, "a policy aimed at a certain state of affairs." The reasoning then easily becomes tautological. If a balance of power is to be maintained, the policies of states must aim to uphold it. If a balance of power is in fact maintained, we can conclude that their aim was accurate. If a balance of power is not produced, we can say that the theory's assumption is erroneous. Finally, and this completes the drift toward the reification of a concept, if the purpose of states is to uphold a balance, the purpose of the balance is "to maintain the stability of the system without destroying the multiplicity of the elements composing it." Reification has obviously occurred where one reads, for example, of the balance operating "successfully" and of the difficulty that nations have in applying it (1973, pp. 167–74, 202–207).

Reification is often merely the loose use of language or the employment of metaphor to make one's prose more pleasing. In this case, however, the theory has been drastically distorted, and not only by introducing the notion that if a balance is to be formed, somebody must want it and must work for it. The further distortion of the theory arises when rules are derived from the results of states' actions and then illogically prescribed to the actors as duties. A possible effect is turned into a necessary cause in the form of a stipulated rule. Thus, it is said, "the balance of power" can "impose its restraints upon the power aspirations of nations" only if they first "restrain themselves by accepting the system of the balance of power as the common framework of their endeavors." Only if states recognize "the same rules of the game" and play "for the same limited stakes" can the balance of power fulfill "its functions for international stability and national independence" (Morgenthau 1973, pp. 219–20).

The closely related errors that fall under our second proposition about theory are, as we have seen, twin traits of the field of international politics: namely, to assume a necessary correspondence of motive and result and to infer rules for the actors from the observed results of their action. What has gone wrong can be made clear by recalling the economic analogy (Chapter 5, part III, 1). In a purely competitive economy, everyone's striving to make a profit drives the profit rate downward. Let the competition continue long enough under static conditions, and everyone's profit will be zero. To infer from that result that everyone, or anyone, is seeking to minimize profit, and that the competitors must adopt that goal as a rule in order for the system to work, would be absurd. And yet in international politics one frequently finds that rules inferred from the results of the interactions of states are prescribed to the actors and are said to be a condition of the system's maintenance. Such errors, often made, are also often pointed out, though seemingly to no avail. S. F. Nadel has put the matter simply:

"an orderliness abstracted from behaviour cannot guide behaviour" (Nadel 1957, p. 148; cf. Durkheim 1893, pp. 366, 418; Shubik 1959, pp. 11, 32).

Analytic reasoning applied where a systems approach is needed leads to the laying down of all sorts of conditions as prerequisites to balances of power forming and tending toward equilibrium and as general preconditions of world stability and peace. Some require that the number of great powers exceed two; others that a major power be willing to play the role of balancer. Some require that military technology not change radically or rapidly; others that the major states abide by arbitrarily specified rules. But balances of power form in the absence of the "necessary" conditions, and since 1945 the world has been stable, and the world of major powers remarkably peaceful, even though international conditions have not conformed to theorists' stipulations. Balance-of-power politics prevail wherever two, and only two, requirements are met: that the order be anarchic and that it be populated by units wishing to survive.

For those who believe that if a result is to be produced, someone, or everyone, must want it and must work for it, it follows that explanation turns ultimately on what the separate states are like. If that is true, then theories at the national level, or lower, will sufficiently explain international politics. If, for example, the equilibrium of a balance is maintained through states abiding by rules, then one needs an explanation of how agreement on the rules is achieved and maintained. One does not need a balance-of-power theory, for balances would result from a certain kind of behavior explained perhaps by a theory about national psychology or bureaucratic politics. A balance-of-power theory could not be constructed because it would have nothing to explain. If the good or bad motives of states result in their maintaining balances or disrupting them, then the notion of a balance of power becomes merely a framework organizing one's account of what happened, and that is indeed its customary use. A construction that starts out to be a theory ends up as a set of categories. Categories then multiply rapidly to cover events that the embryo theory had not contemplated. The quest for explanatory power turns into a search for descriptive adequacy.

Finally, and related to our third proposition about theory in general, balance-of-power theory is often criticized because it does not explain the particular policies of states. True, the theory does not tell us why state X made a certain move last Tuesday. To expect it to do so would be like expecting the theory of universal gravitation to explain the wayward path of a falling leaf. A theory at one level of generality cannot answer questions about matters at a different level of generality. Failure to notice this is one error on which the criticism rests. Another is to mistake a theory of international politics for a theory of foreign policy. Confusion about the explanatory claims made by a properly stated balance-of-power theory is rooted in the uncertainty of the distinction drawn between national and international politics or in the denials that the distinction

should be made. For those who deny the distinction, for those who devise explanations that are entirely in terms of interacting units, explanations of international politics *are* explanations of foreign policy, and explanations of foreign policy *are* explanations of international politics. Others mix their explanatory claims and confuse the problem of understanding international politics with the problem of understanding foreign policy. Morgenthau, for example, believes that problems of predicting foreign policy and of developing theories about it make international-political theories difficult, if not impossible, to contrive (1970b, pp. 253–58). But the difficulties of explaining foreign policy work against contriving theories of international politics only if the latter reduces to the former. Graham Allison betrays a similar confusion. His three “models” purport to offer alternative approaches to the study of international politics. Only model I, however, is an approach to the study of international politics. Models II and III are approaches to the study of foreign policy. Offering the bureaucratic-politics approach as an alternative to the state-as-an-actor approach is like saying that a theory of the firm is an alternative to a theory of the market, a mistake no competent economist would make (1971; cf. Allison and Halperin 1972). If Morgenthau and Allison were economists and their thinking continued to follow the same pattern, they would have to argue that the uncertainties of corporate policy work against the development of market theory. They have confused and merged two quite different matters.*

Any theory covers some matters and leaves other matters aside. Balance-of-power theory is a theory about the results produced by the uncoordinated actions of states. The theory makes assumptions about the interests and motives of states, rather than explaining them. What it does explain are the constraints that confine all states. The clear perception of constraints provides many clues to the expected reactions of states, but by itself the theory cannot explain those reactions. They depend not only on international constraints but also on the characteristics of states. How will a particular state react? To answer that question we need not only a theory of the market, so to speak, but also a theory about the firms that compose it. What will a state have to react to? Balance-of-power theory can give general and useful answers to that question. The theory explains why a certain similarity of behavior is expected from similarly situated states. The expected behavior is similar, not identical. To explain the expected differences in national responses, a theory would have to show how the different internal structures of states affect their external policies and actions. A theory of

foreign policy would not predict the detailed content of policy but instead would lead to different expectations about the tendencies and styles of different countries’ policies. Because the national and the international levels are linked, theories of both types, if they are any good, tell us some things, but not the same things, about behavior and outcomes at both levels (cf. the second parts of Chapters 4 and 5).

III

In the previous chapter, I constructed a systems theory of international politics. In this chapter, I have stated balance-of-power theory as a further development of that theory. In the next three chapters, I shall refine the theory by showing how expectations vary with changes in the structure of international systems. At this point I pause to ask how good the theory so far developed is.

Before subjecting a theory to tests, one asks whether the theory is internally consistent and whether it tells us some things of interest that we would not know in its absence. That the theory meets those requirements does not mean that it can survive tests. Many people prefer tests that, if flunked, falsify a theory. Some people, following Karl Popper (1934, Chapter 1), insist that theories are tested only by attempting to falsify them. Confirmations do not count because, among other reasons, confirming cases may be offered as proof while consciously or not cases likely to confound the theory are avoided. This difficulty, I suggest later, is lessened by choosing hard cases—situations, for example, in which parties have strong reasons to behave contrary to the predictions of one’s theory. Confirmations are also rejected because numerous tests that appear to confirm a theory are negated by one falsifying instance. The conception of theory presented in Chapter 1, however, opens the possibility of devising tests that confirm. If a theory depicts a domain, and displays its organization and the connections among its parts, then we can compare features of the observed domain with the picture the theory has limned (cf. Harris 1970). We can ask whether expected behaviors and outcomes are repeatedly found where the conditions contemplated by the theory obtain.

Structural theories, moreover, gain plausibility if similarities of behavior are observed across realms that are different in substance but similar in structure, and if differences of behavior are observed where realms are similar in substance but different in structure. This special advantage is won: International-political theory gains credibility from the confirmation of certain theories in economics, sociology, anthropology, and other such nonpolitical fields.

Testing theories, of course, always means inferring expectations, or hypotheses, from them and testing those expectations. Testing theories is a difficult and subtle task, made so by the interdependence of fact and theory, by the

*The confusion is widespread and runs both ways. Thus Herbert Simon thinks the goal of classical economic theorists is unattainable because he wrongly believes that they were trying “to predict the behavior of rational man without making an empirical investigation of his psychological properties” (1957, p. 199).

elusive relation between reality and theory as an instrument for its apprehension. Questions of truth and falsity are somehow involved, but so are questions of usefulness and uselessness. In the end, one sticks with the theory that reveals most, even if its validity is suspect. I shall say more about the acceptance and rejection of theories elsewhere. Here I say only enough to make the relevance of a few examples of theory testing clear. Others can then easily be thought of. Many are provided in the first part of this chapter and in all parts of the next three, although I have not always labeled them as tests or put them in testable form.

Tests are easy to think up, once one has a theory to test, but they are hard to carry through. Given the difficulty of testing any theory, and the added difficulty of testing theories in such nonexperimental fields as international politics, we should exploit all of the ways of testing I have mentioned—by trying to falsify, by devising hard confirmatory tests, by comparing features of the real and the theoretical worlds, by comparing behaviors in realms of similar and of different structure. Any good theory raises many expectations. Multiplying hypotheses and varying tests are all the more important because the results of testing theories are necessarily problematic. That a single hypothesis appears to hold true may not be very impressive. A theory becomes plausible if many hypotheses inferred from it are successfully subjected to tests.

Knowing a little bit more about testing, we can now ask whether expectations drawn from our theory can survive subjection to tests. What will some of the expectations be? Two that are closely related arise in the above discussion. According to the theory, balances of power recurrently form, and states tend to emulate the successful policies of others. Can these expectations be subjected to tests? In principle, the answer is “yes.” Within a given arena and over a number of years, we should find the military power of weaker and smaller states or groupings of states growing more rapidly, or shrinking more slowly, than that of stronger and larger ones. And we should find widespread imitation among competing states. In practice, to check such expectations against historical observations is difficult.

Two problems are paramount. First, though balance-of-power theory offers some predictions, the predictions are indeterminate. Because only a loosely defined and inconstant condition of balance is predicted, it is difficult to say that any given distribution of power falsifies the theory. The theory, moreover, does not lead one to expect that emulation among states will proceed to the point where competitors become identical. What will be imitated, and how quickly and closely? Because the theory does not give precise answers, falsification again is difficult. Second, although states may be disposed to react to international constraints and incentives in accordance with the theory’s expectations, the policies and actions of states are also shaped by their internal conditions. The failure of balances to form, and the failure of some states to conform to the successful prac-

tices of other states, can too easily be explained away by pointing to effects produced by forces that lie outside of the theory’s purview.

In the absence of theoretical refinements that fix expectations with certainty and in detail, what can we do? As I have just suggested, and as the sixth rule for testing theories set forth in Chapter 1 urges, we should make tests ever more difficult. If we observe outcomes that the theory leads us to expect even though strong forces work against them, the theory will begin to command belief. To confirm the theory one should not look mainly to the eighteenth-century heyday of the balance of power when great powers in convenient numbers interacted and were presumably able to adjust to a shifting distribution of power by changing partners with a grace made possible by the absence of ideological and other cleavages. Instead, one should seek confirmation through observation of difficult cases. One should, for example, look for instances of states allying, in accordance with the expectations the theory gives rise to, even though they have strong reasons not to cooperate with one another. The alliance of France and Russia, made formal in 1894, is one such instance (see Chapter 8, part I). One should, for example, look for instances of states making internal efforts to strengthen themselves, however distasteful or difficult such efforts might be. The United States and the Soviet Union following World War II provide such instances: the United States by rearming despite having demonstrated a strong wish not to by dismantling the most powerful military machine the world had ever known; the Soviet Union by maintaining about three million men under arms while striving to acquire a costly new military technology despite the terrible destruction she had suffered in war.

These examples tend to confirm the theory. We find states forming balances of power whether or not they wish to. They also show the difficulties of testing. Germany and Austria-Hungary formed their Dual Alliance in 1879. Since detailed inferences cannot be drawn from the theory, we cannot say just when other states are expected to counter this move. France and Russia waited until 1894. Does this show the theory false by suggesting that states may or may not be brought into balance? We should neither quickly conclude that it does nor lightly chalk the delayed response off to “friction.” Instead, we should examine diplomacy and policy in the 15-year interval to see whether the theory serves to explain and broadly predict the actions and reactions of states and to see whether the delay is out of accord with the theory. Careful judgment is needed. For this, historians’ accounts serve better than the historical summary I might provide.

The theory leads us to expect states to behave in ways that result in balances forming. To infer that expectation from the theory is not impressive if balancing is a universal pattern of political behavior, as is sometimes claimed. It is not. Whether political actors balance each other or climb on the bandwagon depends on the system’s structure. Political parties, when choosing their presidential candidates, dramatically illustrate both points. When nomination time

approaches and no one is established as the party's strong favorite, a number of would-be leaders contend. Some of them form coalitions to check the progress of others. The maneuvering and balancing of would-be leaders when the party lacks one is like the external behavior of states. But this is the pattern only during the leaderless period. As soon as someone looks like the winner, nearly all jump on the bandwagon rather than continuing to build coalitions intended to prevent anyone from winning the prize of power. Bandwagoning, not balancing, becomes the characteristic behavior.*

Bandwagoning and balancing behavior are in sharp contrast. Internally, losing candidates throw in their lots with the winner. Everyone wants someone to win; the members of a party want a leader established even while they disagree on who it should be. In a competition for the position of leader, bandwagoning is sensible behavior where gains are possible even for the losers and where losing does not place their security in jeopardy. Externally, states work harder to increase their own strength, or they combine with others, if they are falling behind. In a competition for the position of leader, balancing is sensible behavior where the victory of one coalition over another leaves weaker members of the winning coalition at the mercy of the stronger ones. Nobody wants anyone else to win; none of the great powers wants one of their number to emerge as the leader.

If two coalitions form and one of them weakens, perhaps because of the political disorder of a member, we expect the extent of the other coalition's military preparation to slacken or its unity to lessen. The classic example of the latter effect is the breaking apart of a war-winning coalition in or just after the moment of victory. We do not expect the strong to combine with the strong in order to increase the extent of their power over others, but rather to square off and look for allies who might help them. In anarchy, security is the highest end. Only if survival is assured can states safely seek such other goals as tranquility, profit, and power. Because power is a means and not an end, states prefer to join the weaker of two coalitions. They cannot let power, a possibly useful means, become the end they pursue. The goal the system encourages them to seek is security. Increased power may or may not serve that end. Given two coalitions, for example, the greater success of one in drawing members to it may tempt the other to risk preventive war, hoping for victory through surprise before disparities widen. If states wished to maximize power, they would join the stronger side, and we would see not balances forming but a world hegemony forged. This does not happen because balancing, not bandwagoning, is the behavior induced by the system. The first concern of states is not to maximize power but to maintain their positions in the system.

Secondary states, if they are free to choose, flock to the weaker side; for it is the stronger side that threatens them. On the weaker side, they are both more appreciated and safer, provided, of course, that the coalition they join achieves enough defensive or deterrent strength to dissuade adversaries from attacking. Thus Thucydides records that in the Peloponnesian War the lesser city states of Greece cast the stronger Athens as the tyrant and the weaker Sparta as their liberator (circa 400 B.C., Book v, Chapter 17). According to Werner Jaeger, Thucydides thought this "perfectly natural in the circumstances," but saw "that the parts of tyrant and liberator did not correspond with any permanent moral quality in these states but were simply masks which would one day be interchanged to the astonishment of the beholder when the balance of power was altered" (1939, I, 397). This shows a nice sense of how the placement of states affects their behavior and even colors their characters. It also supports the proposition that states balance power rather than maximize it. States can seldom afford to make maximizing power their goal. International politics is too serious a business for that.

The theory depicts international politics as a competitive realm. Do states develop the characteristics that competitors are expected to display? The question poses another test for the theory. The fate of each state depends on its responses to what other states do. The possibility that conflict will be conducted by force leads to competition in the arts and the instruments of force. Competition produces a tendency toward the sameness of the competitors. Thus Bismarck's startling victories over Austria in 1866 and over France in 1870 quickly led the major continental powers (and Japan) to imitate the Prussian military staff system, and the failure of Britain and the United States to follow the pattern simply indicated that they were outside the immediate arena of competition. Contending states imitate the military innovations contrived by the country of greatest capability and ingenuity. And so the weapons of major contenders, and even their strategies, begin to look much the same all over the world. Thus at the turn of the century Admiral Alfred von Tirpitz argued successfully for building a battleship fleet on the grounds that Germany could challenge Britain at sea only with a naval doctrine and weapons similar to hers (Art 1973, p. 16).

The effects of competition are not confined narrowly to the military realm. Socialization to the system should also occur. Does it? Again, because we can almost always find confirming examples if we look hard, we try to find cases that are unlikely to lend credence to the theory. One should look for instances of states conforming to common international practices even though for internal reasons they would prefer not to. The behavior of the Soviet Union in its early years is one such instance. The Bolsheviks in the early years of their power preached international revolution and flouted the conventions of diplomacy. They were saying, in effect, "we will not be socialized to this system." The atti-

*Stephen Van Evera suggested using "bandwagoning" to serve as the opposite of "balancing."

tude was well expressed by Trotsky, who, when asked what he would do as foreign minister, replied, "I will issue some revolutionary proclamations to the peoples and then close up the joint" (quoted in Von Laue 1963, p. 235). In a competitive arena, however, one party may need the assistance of others. Refusal to play the political game may risk one's own destruction. The pressures of competition were rapidly felt and reflected in the Soviet Union's diplomacy. Thus Lenin, sending foreign minister Chicherin to the Genoa Conference of 1922, bade him farewell with this caution: "Avoid big words" (quoted in Moore 1950, p. 204). Chicherin, who personified the carefully tailored traditional diplomat rather than the simply uniformed revolutionary, was to refrain from inflammatory rhetoric for the sake of working deals. These he successfully completed with that other pariah power and ideological enemy, Germany.

The close juxtaposition of states promotes their sameness through the disadvantages that arise from a failure to conform to successful practices. It is this "sameness," an effect of the system, that is so often attributed to the acceptance of so-called rules of state behavior. Chiliaristic rulers occasionally come to power. In power, most of them quickly change their ways. They can refuse to do so, and yet hope to survive, only if they rule countries little affected by the competition of states. The socialization of nonconformist states proceeds at a pace that is set by the extent of their involvement in the system. And that is another testable statement.

The theory leads to many expectations about behaviors and outcomes. From the theory, one predicts that states will engage in balancing behavior, whether or not balanced power is the end of their acts. From the theory, one predicts a strong tendency toward balance in the system. The expectation is not that a balance, once achieved, will be maintained, but that a balance, once disrupted, will be restored in one way or another. Balances of power recurrently form. Since the theory depicts international politics as a competitive system, one predicts more specifically that states will display characteristics common to competitors: namely, that they will imitate each other and become socialized to their system. In this chapter, I have suggested ways of making these propositions more specific and concrete so as to test them. In remaining chapters, as the theory is elaborated and refined, additional testable propositions will appear.

7

Structural Causes and Economic Effects

Chapter 6 compared national and international systems and showed how behavior and outcomes vary from one system to another. Chapter 7, 8, and 9 compare different international systems and show how behavior and outcomes vary in systems whose ordering principles endure but whose structures vary through changes in the distribution of capabilities across states. The question posed in this chapter is whether we should prefer larger or smaller numbers of great powers. Part I carries the theory further. Part II moves from theory to practice.*

I

1. COUNTING POLES AND MEASURING POWER

How should we count poles, and how can we measure power? These questions must be answered in order to identify variations of structure. Almost everyone agrees that at some time since the war the world was bipolar. Few seem to believe that it remains so. For years Walter Lippmann wrote of the bipolar world as being perpetually in the process of rapidly passing away (e.g., 1950 and 1963). Many others now carry on the tradition he so firmly established. To reach the conclusion that bipolarity is passing, or past, requires some odd counting. The inclination to count in funny ways is rooted in the desire to arrive at a particular answer. Scholars feel a strong affection for the balance-of-power world of Metternich and Bismarck, on which many of their theoretical notions rest. That was a world in which five or so great powers manipulated their neighbors and maneuvered for advantage. Great powers were once defined according to their capabilities. Students of international politics now seem to look at other conditions. The ability or inability of states to solve problems is said to raise or lower their rankings. The

*Some parts of this chapter and the next one were written as a study of interdependence for the Department of State, whose views may differ from mine.