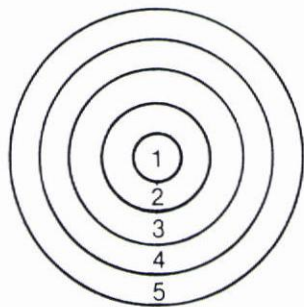
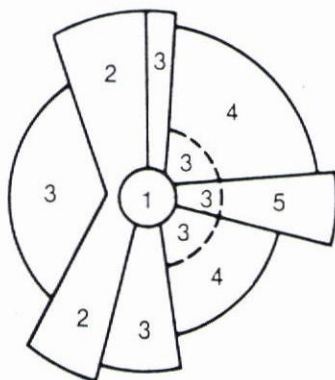


(a)
Burgess Concentric
Zone Model



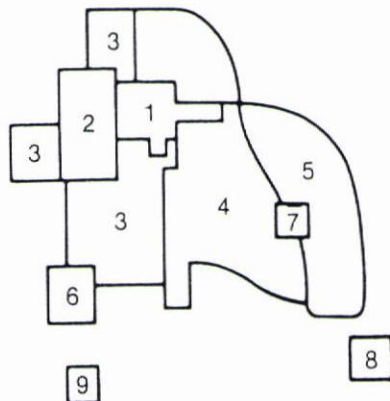
- 1 = CBD;
- 2 = wholesale and light manufacturing; lower-income residential;
- 3 = working-class residential;
- 4 = middle-class residential;
- 5 = commuter zone

(b)
Hoyt Sectoral Model



- 1 = CBD;
- 2 = wholesale and light manufacturing;
- 3 = lower-class residential;
- 4 = middle-class residential;
- 5 = upper-class residential

(c)
Harris and Ullman Multiple
Nuclei Model



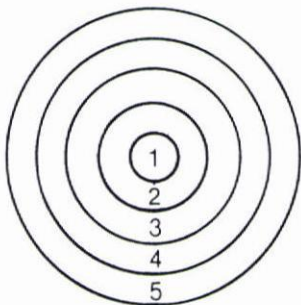
- 1 = CBD;
- 2 = wholesale and light manufacturing;
- 3 = lower-class residential;
- 4 = middle-class residential;
- 5 = upper-class residential;
- 6 = heavy manufacturing;
- 7 = outlying business district;
- 8 = dormitory suburb;
- 9 = industrial suburb

FIGURE 3-2

Traditional land-use models. (Chauncy Harris and Edward L. Ullman, "The Nature of Cities," *Annals of the American Academy of Political and Social Science*, vol. 242, no. 1, 1945, p. 13.)

(a)

Burgess Concentric Zone Model



1 = CBD;

2 = wholesale and light
manufacturing;
lower-income
residential;

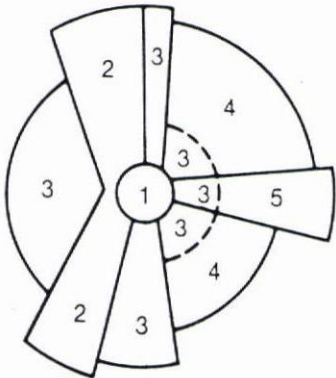
3 = working-class
residential;

4 = middle-class
residential;

5 = commuter zone

(b)

Hoyt Sectoral Model



1 = CBD;

2 = wholesale and
light manufacturing;

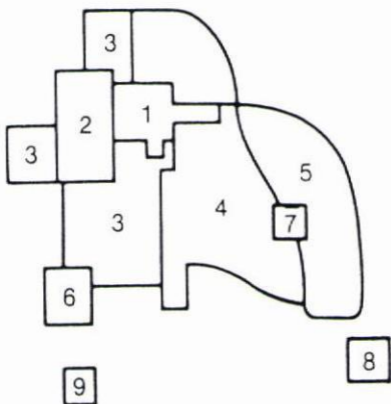
3 = lower-class
residential;

4 = middle-class
residential;

5 = upper-class
residential

(c)

Harris and Ullman Multiple Nuclei Model



- 1 = CBD;
- 2 = wholesale
and light manufacturing;
- 3 = lower-class residential;
- 4 = middle-class residential;
- 5 = upper-class residential;
- 6 = heavy manufacturing;
- 7 = outlying business district;
- 8 = dormitory suburb;
- 9 = industrial suburb

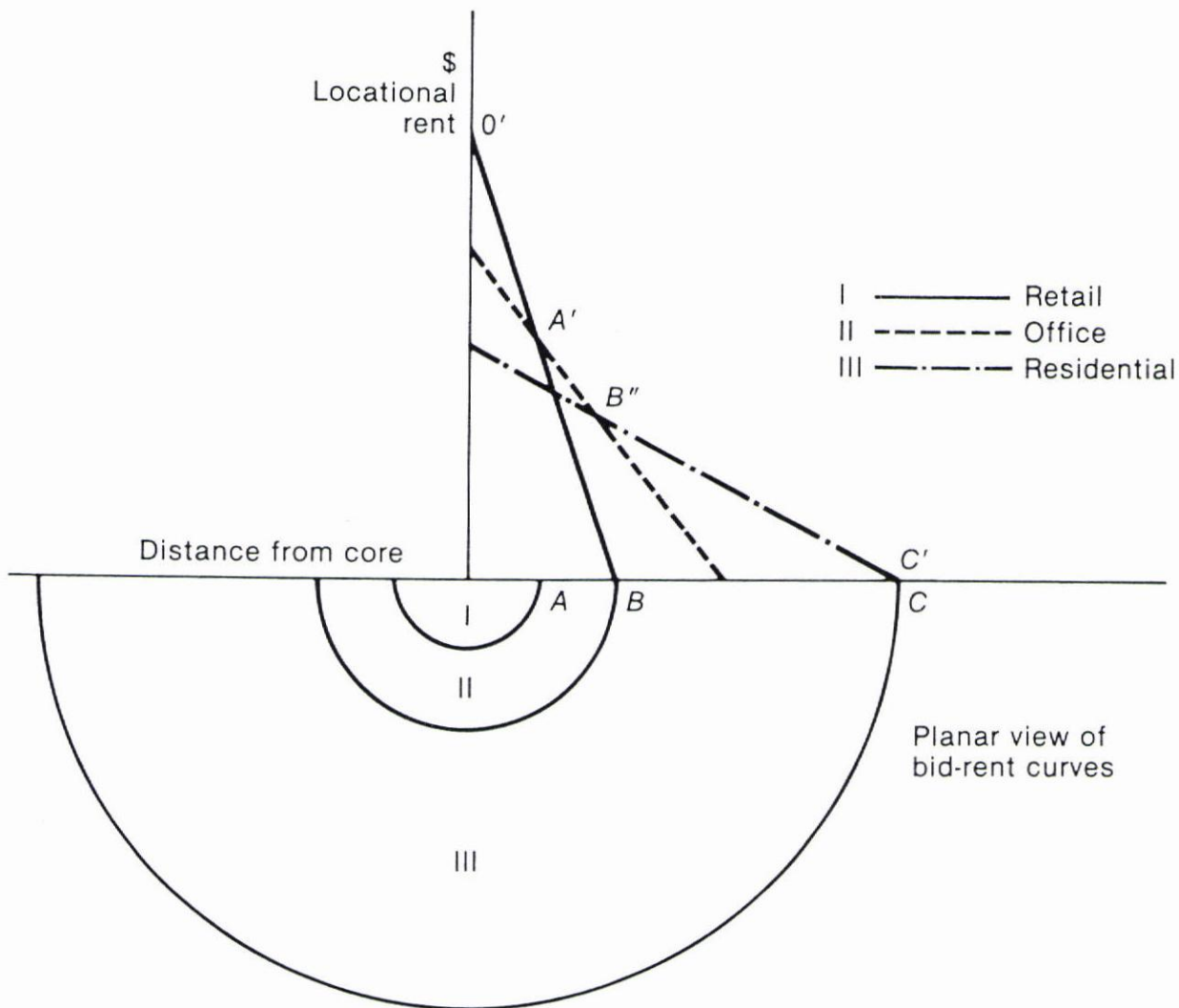


FIGURE 3-3

Bid-rent curves of competitive land uses in the Alonso model. The spatial implications of the bid-rent curves can be seen if we simply transpose the two-dimensional graph to a planar view. Thus, in zone 1 we would expect to find retail activities; in zone 2, offices; and in zone 3, residential units.

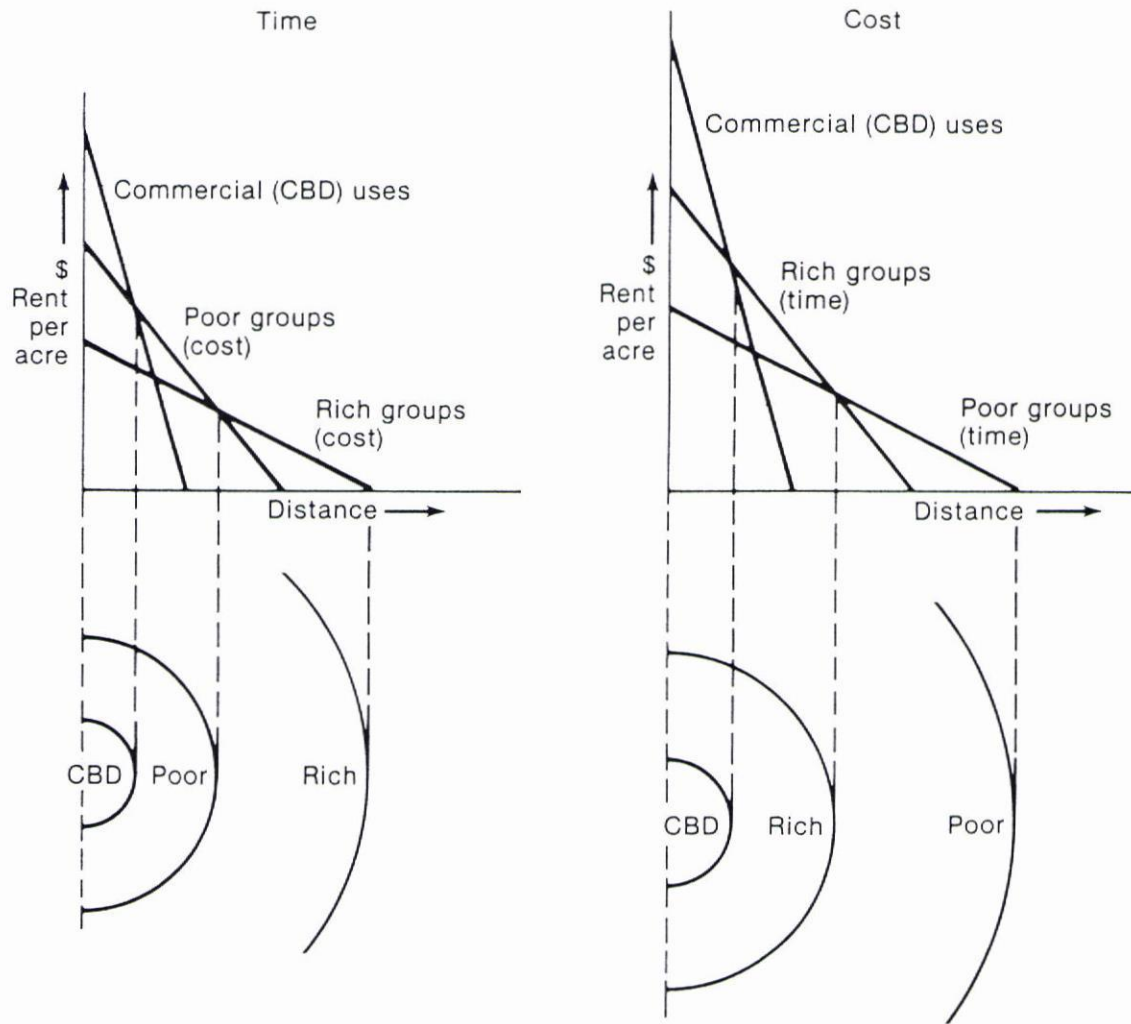
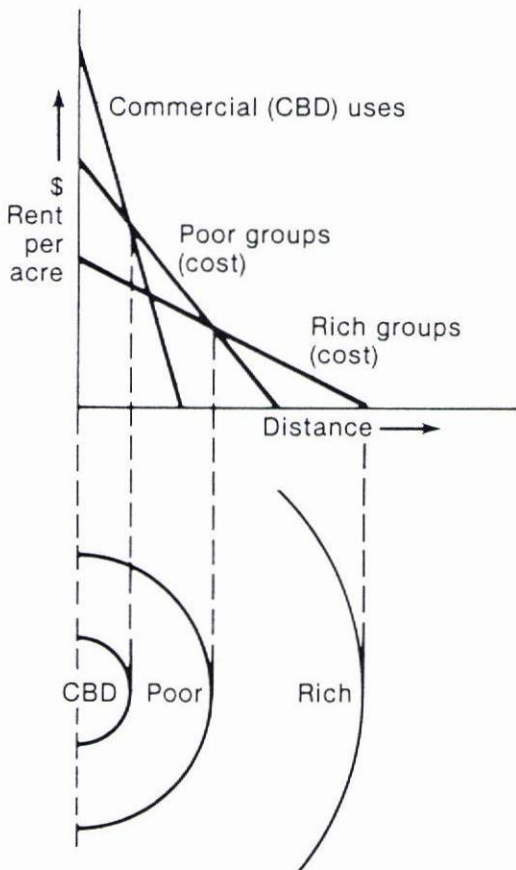


FIGURE 3-4

Bid-rent curves for low- and high-income groups using time versus cost considerations. Harvey's argument is illustrated by the differences in the gradient of the bid-rent curves for the two income classes. If time is important in the locational decision, the wealthy will outbid lower-income residents and be located near the city. If commuting costs are the important element in the decision, the wealthy will select locations on the fringe, leaving inner-city sites to the lower-income residents. (*David Harvey, Society, the City and the Space-Economy of Urbanism, Association of American Geographers, Commission on College Geography, Resource Paper No. 19, 1972.*)



Cost

