Conjoint (constitution) A *constitutional structure* possessing *arteriality* but no *access constraint*, typical of traditional street patterns or road networks (Chapter 7).

Connectivity In *route structure analysis*, the connectivity of a route (c) is taken as the number of times routes directly connect to it; the sum of connectivity values over a whole network is denoted by C (Chapters 5 and 6).

Connector A *configurationally* defined route type where all junctions are four-way (Chapter 5).

Constitution An abstract formation of elements (types) and their necessary and allowable connections. Contrast *configuration* (Chapter 7).

Constitutional archetype A graphic expression of the allowable and necessary connections in a *constitutional structure*. It may also express allowable junction types (Chapter 9).

Constitutional graph A kind of graph representation denoting *constitutional structure* (Appendix 7).

Constitutional structure Type of constitution defined by combinations of *access constraint* and *arteriality* (Chapter 7).

Constitutional type Type (of route or structure) defined by constitutional relationships, e.g. *arterial* (route or network) (Chapter 7).

Continuity In *route structure analysis*, the continuity of a route (l) is taken as the number of links constituting the route. The sum of continuity values over a whole network then equals the total number of links (L) (Chapters 5 and 6).

Conventional (road) hierarchy The application of the *inverse relationship* to a *dendritic constitution* in which the highest tiers equate with high 'mobility function'. The classic version of road 'hierarchy' was set out by Buchanan in *Traffic in Towns* (MoT, 1963).

Conventional (transport) network analysis The convention in which links in a transport network are represented directly as the edges in a graph, and nodes are represented directly as vertices. A classic interpretation was set out by Kansky (1963).

Datum (route) In *route structure analysis*, the route or set of routes from which the *depth* of all other routes is measured. By the convention within this book, the datum is a single route, whose depth is taken as 1 (Chapter 5).

Dendritic (constitution) A *constitutional structure* possessing *arteriality* and *access constraint*, typical of modern 'hierarchical' road networks (Chapter 7).