

1096-05-1337 **Wilfried Imrich*** (imrich@unileoben.ac.at), Mathematics and Information Technology,
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Median graphs are generalizations of trees and can be characterized as retracts of hypercubes. Whereas hypercubes are the only regular (isovalent) finite median graphs, the structure of infinite median graphs is very rich.

This talk gives a survey of different types of regular median graphs by degree, growth, number of ends, and vertex transitivity.

Particular attention is given to recent results, methods of proof, and open problems. (Received September 15, 2013)