

## **Realizability of $n$ -vertex graphs with prescribed vertex and edge connectivity and minimum and maximum degree, IV**

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In this paper we finish our investigation of the question for which  $n$  is there a graph on  $n$  vertices with prescribed vertex,  $\kappa$ , and edge,  $\lambda$ , connectivity and with prescribed minimum,  $\delta$ , and maximum,  $\Delta$ , degree. We consider the last remaining case which is  $\kappa + \Delta < \lambda + \delta$  with  $\lambda = \delta$  and  $n < 2\delta + 2$ .

Keywords: vertex connectivity, edge connectivity, realizable, minimum degree, maximum degree