Realizability of $n$-vertex graphs with prescribed vertex and edge connectivity and minimum and maximum degree II
Candace Bethea, Wayne M. Dymáček*, Washington and Lee University

In this paper we continue our investigation of the question for which $n$ is there a graph $G$ on $n$ vertices with prescribed vertex and edge connectivity and with prescribed minimum and maximum degree. In a previous paper the case for which $\kappa + \Delta \geq \lambda + \delta$ was settled and in this paper we present the case for which $\kappa + \Delta < \lambda + \delta$ with $\lambda < \delta$.

**Key words:** vertex connectivity, edge connectivity, realizable, minimum degree, maximum degree