

---

**IAIN CRUMP**, Simon Fraser University  
*Forbidden minors and Feynman graphs*

For a planar three-connected graph  $G$  that avoids three particular minors, we demonstrate an ordering on the edges of this graph such that the graphs induced by edges of index less than or equal to  $j$  and edges of index greater than  $j$  share at most three vertices for all indices  $1 \leq j \leq |E(G)|$ . This class of graphs and edge ordering has applications in computing residues of Feynman integrals.