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Gelasio Salazar* (gsalazar@ifisica.uaslp.mx), Instituto de Fisica, UASLP, Av Manuel Nava 6. Zona Universitaria, 78290 San Luis Potosi, SLP, Mexico, and **Cesar Hernandez-Velez** and **Laurent Beaudou**. *Making graphs crossing-critical by multiplying their edges.*

We show that every sufficiently connected near-planar graph can be made crossing-critical by a suitable multiplication (that is, addition of parallel edges) of its edges. (Received September 22, 2010)