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**Yichao Chen\*** (ycchen@hnu.edu.cn), Department of Mathematics, Yue lue shan, ChangSha,  
Hunan 410082, Peoples Rep of China. *Embedding distributions of the ring-like families of graphs.*

We derive a closed formula for the genus polynomial of any ring-like family of graphs. This presents an unified approach to calculate genus distributions of some known families of graphs. In addition, the explicit formula for the crosscap number polynomial of any ring-like family of graphs is also given. (Received September 22, 2015)