RAFAEL VILLARREAL, CINVESTAV-IPN, Departamento de Matemáticas, Apartado Postal 14-740, 07000 México DF Ring graphs and complete intersection toric ideals

We study the family of simple graphs whose number of primitive cycles equals its cycle rank. It is shown that this family is "constructible" and that it is precisely the family of ring graphs. Then we study the complete intersection property of toric ideals of simple and oriented graphs.

