

1087-05-181      **Evan J Morgan\*** (emorgan@psu.edu), 362 Business Building, Smeal College of Business,  
University Park, PA 16802, and **Bogdan Oporowski**. *Switches in cubic graphs*.

We define a small, local operation on a general cubic graph called a *switch*. We prove that any two connected, cubic graphs on the same number of vertices are equivalent under the switch relation, and furthermore we may preserve the connectivity, up to internal 4-connectedness, throughout the sequence of switches. (Received December 03, 2012)