1067-57-865　　　　　**Danielle S. O'Donnol*** (`odonnol@rice.edu`), Math Department – MS 136, Rice University, 6100 S. Main St., Houston, TX 77005. *Invariants of spatial graphs.*

A natural extension of knot theory is the study of spatial graphs. A *spatial graph* is an embedding of a graph into $\mathbb{R}^3$ or S^3. A spatial graphs can contain nontrivial knots and links as subgraphs. I will discuss my recent results in the area of spatial graphs. (Received September 15, 2010)