

**Meeting:** 999, Nashville, Tennessee, SS 5A, Special Session on Topological Aspects of Group Theory

999-20-289            **Gadde Swarup\*** (S.Gadde@ms.unimelb.edu.au) and **Peter Scott**. *Regular neighbourhoods in group theory*. Preliminary report.

We discuss the analogues of codimension one embeddings, immersions in group theory. We also develop the analogue of regular neighbourhoods for finite families of such analogues. This gives a coherent way of discussing JSJ-decompositions for 3-manifolds as well as groups. (Received August 26, 2004)