1070-57-162   **Daniel D Moskovich***, Department of Mathematics, 40 St. George Street, Bahen Centre, Toronto, Ontario M5S 2E4, Canada. *First steps in coloured knot theory.*

A 3-manifold is presented as a branched covering space of S^3 over a coloured knot. I will discuss invariants of coloured knots. The theory of coloured knots parallels ordinary knot theory to some extent- there are coloured analogues to Seifert matrices, crossing changes, knot polynomials, and a lot more. We will take some first steps in coloured knot theory with a Dehn surgery theoretic approach. (Received February 08, 2011)