

January 14, 2008.

Enrichment section:

Today 2:30-4:30, BLM 211.

Problem 1.38

Let

$$S = \{x \in \mathbb{R} : x(x - 1)(x - 2)(x - 3) < 0\}.$$

Let $T = (0, 1)$ and $U = (2, 3)$. Obtain a simple set equality relating S , T , and U .