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*The spectrum of non-polychromatic equitable edge colored Steiner Triple Systems*

A  $STS(v)$  is called polychromatic if the edges of every triple in the  $STS(v)$  is colored with three different colors. We discuss the relation between equitable  $k$ -edge coloring of  $K_v$  and polychromatic  $STS(v)$  when  $2 \leq k \leq v - 2$ . This is joint work with James Lefevre and Mary Waterhouse.