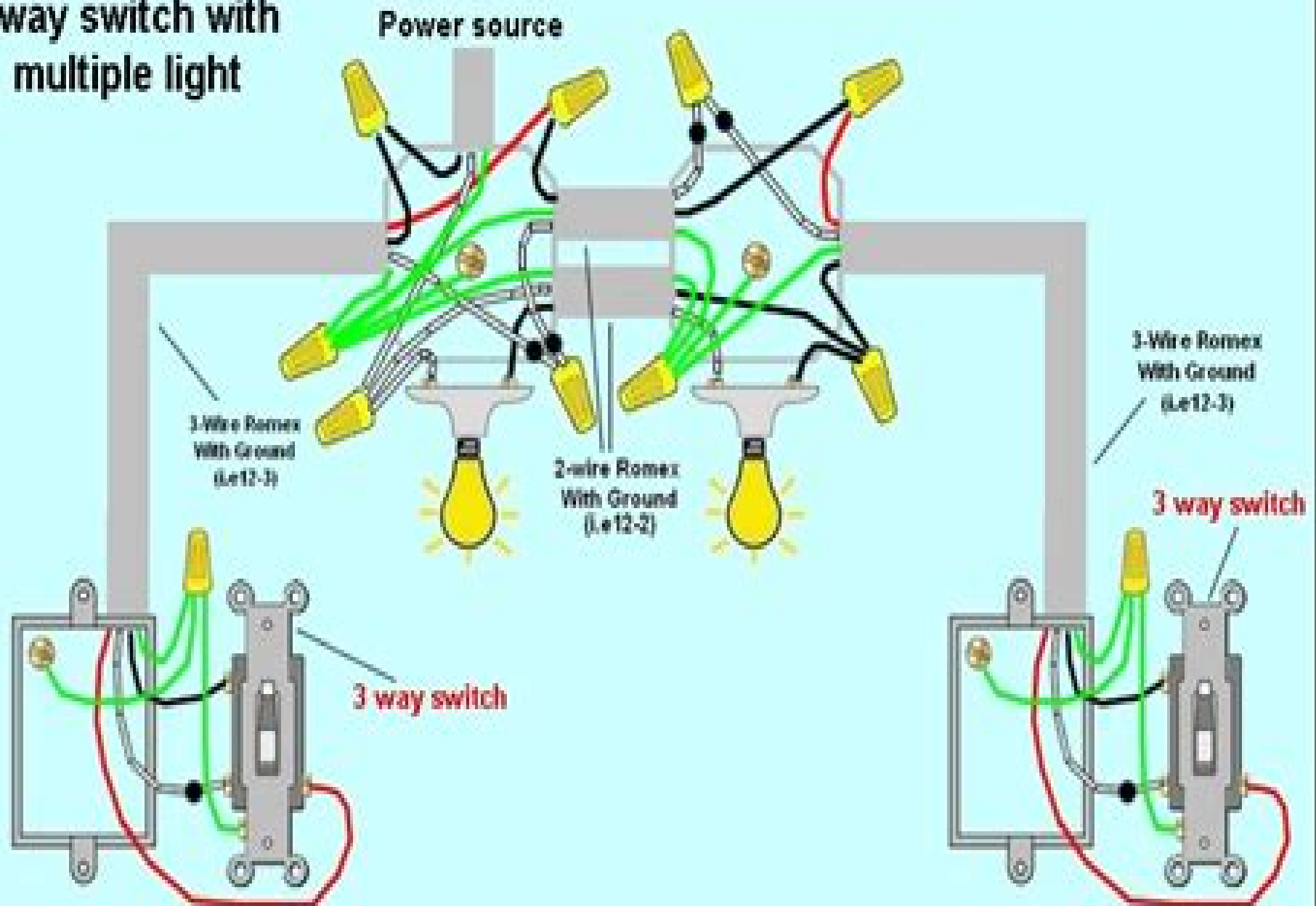


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web may 1 2004 the oxidation of toluene by aq KMnO_4 under hydrodynamic cavitation was taken as a model reaction and various parameters have been optimized the oxidation of toluene by aq KMnO_4 gives benzoic acid scheme 1 KMnO_4 in turn is reduced to MnO_2 the reaction did not give any other byproduct