

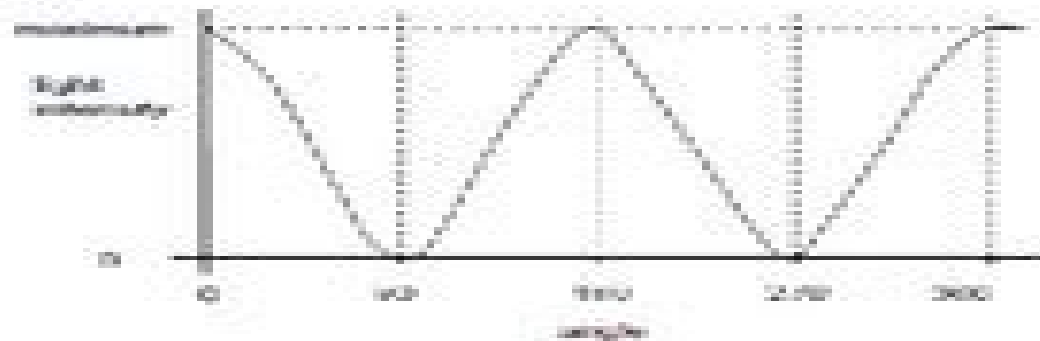
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ing

Polaroid glass (safety glass)

to reduce glare
wind screens

cameras

reduce glare/brightness image

in a microscope

to identify mineral grains

polarimeter

to analyse chemical concentration
or type of sugar

stress analysis

reveals areas of high/low stress

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L Darling-Hammond



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metal and a solution of copper i sulfate introduction in the form of finely split powder copper metal is produced as a byproduct of the process as iron ions the ion meta dissolves

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web through this experiment we sought to use stoichiometric principles which derive from stoichiometry the study of substance quantities in ratio or proportion in a chemical reaction in this lab experiment the principles help distinguish the equation between iron powder and aqueous copper ii sulfate in the iron copper ii sulfate redox reaction

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web this experiment is focused on a reaction between iron metal and a solution of copper ii sulfate we are able to figure out the chemical equation between the two by using stoichiometric principles the iron displaces the copper ii sulfate ions the copper ii is then reduced and gains electrons

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web stoichiometry can be defined as the relationship between the relative quantities of substances taking part in a reaction or forming a compound stoichiometric principles can be used to deduce the appropriate chemical equation for a reaction in our experiment we used solid iron in the form of powder was added to a solution of copper ii sulfate

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web under the finalize of the experiment it was found that iron was the limiting reactant and iron ii sulfate was a product of

the reaction between 7.0002g away copper ii sulfate and 2.0101g iron metal which produced 2.3037g of copper product with a percent yield of 100.72 introduction

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