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Title: Graph pebbling and rubble

Abstract: Suppose that the transfer of one barrel of fuel from a city to an adjacent city requires another barrel of fuel. How many barrels do we need in a strategic reserve to guarantee that we can transfer a barrel to any city hit by a natural disaster? What is the best way to store the barrels if we want to minimize the number of barrels in the reserve? This talk gives an introduction to graph pebbling which is a simple model to study these types of questions.