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(57) Abstract :

ABSTRACT ECO-ACCOMMODATING PRODUCTION NETWORK IN STOCK DEMONSTRATION The present invention provides an eco-accommodating production network in stock demonstration. The production and inventory models receive considerable attention in inventory management literature; however, these topics are generally studied independently. Developing an economic production model for a two-echelon supply chain when trade credit is offered by the supplier. The production-inventory model considers that the items manufactured or received are not of perfect in quality and energy used for production along with greenhouse gas emissions from fabrication and transportation operations. these initiatives have focused for the most part on reducing emissions due to the physical processes involved. For example, firms are replacing energy inefficient equipment and facilities, redesigning products and packaging, finding fewer polluting sources of energy, or instituting energy savings programs. (Figure 1).

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