

Tóm tắt: Bài viết này trình bày tóm tắt các vấn đề quan trọng thường phát sinh trong quá trình nghiên cứu chuỗi cung ứng. Tiếp theo, nghiên cứu tiến hành xem xét các phương pháp toán học khác nhau được sử dụng trong việc mô hình hóa và phân tích chuỗi cung ứng. Những phương pháp này được phân loại thành: mô hình vi phân (sai phân), mô hình lý thuyết thời gian bất biến tuyến tính, mô hình mô phỏng sự kiện rời rạc và kỹ thuật vận trù học. Mỗi phương pháp sau đó được đánh giá từ góc độ toàn hệ thống. Cuối cùng, nghiên cứu xác định xem liệu giá trị của các kỹ thuật nghiên cứu nào có thể chứng minh được ưu thế của chúng trong quản lý chuỗi cung ứng hay không.

Từ khóa: Chuỗi cung ứng, hậu cần, mô hình.

Mã phân loại JEL: C21, C33, M10, M11, M19.

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