Optimum Size Seaport

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Abstract:
Examination of the patterns of ship traffic in public ports of Central America and Ecuador reveals that ships arrive at random and in close agreement with distribution patterns predicted mathematically by the Poisson distribution. Pursuing the premise that it is the function of a seaport to transfer cargo between land carriers and sea carriers at minimum total cost, and based on the randomness of ship traffic, the electronic computer has been used to determine the most economical number of berths for a seaport under various different conditions of ships in port, idle port facilities costs, and idle ship costs. Tables and graphs are provided that are intended to facilitate the mechanics of the port planning procedure and to assist management in making sound decisions concerning seaport development.

Subject Headings: Freight transportation | Ports and harbors | Water transportation | Developing countries | Agreements and treaties | Mathematics | Freight terminals | Seas and oceans | Central America | Ecuador | South America

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Max size of connection pool size: 65. Now if there are 50 concurrent requests coming to our application server, only 50 connections will be consumed by those 50 requests. But we are still left with 15 more connections — a sheer waste of resource. So, keeping performance statistics in mind; the connection pool size should be lower than the maximum thread pool size. It may be 30/35 in our case. Database Partner Resources. Optimum Database Connection Pool Size. Increase Productivity with Fission.