

Abstract

The current rail transport in Algeria does not meet the needs of the national economy because some of the lines have been designed and built according to a set of old standards, which results in them being characterized by a relatively low productivity and lack of work efficiency. This is why the reconstruction and strengthening of the Algerian railway network is becoming necessary if not mandatory. The further development of the railway linking and improving the quality of its operation will result in improved performance and speed. This is why the development of the Algerian rail network is a very important and specific task addressing this issue must ensure a high competitiveness. The development of an approach in order to increase the railway lines efficiency in the Algerian context and the process of reconstructing them needs a thorough analysis the state of a number of railway lines with low profitability, in order to organize their reconstruction, open the possibility of having easier access and efficient facilities, thus reaching a rational scheme