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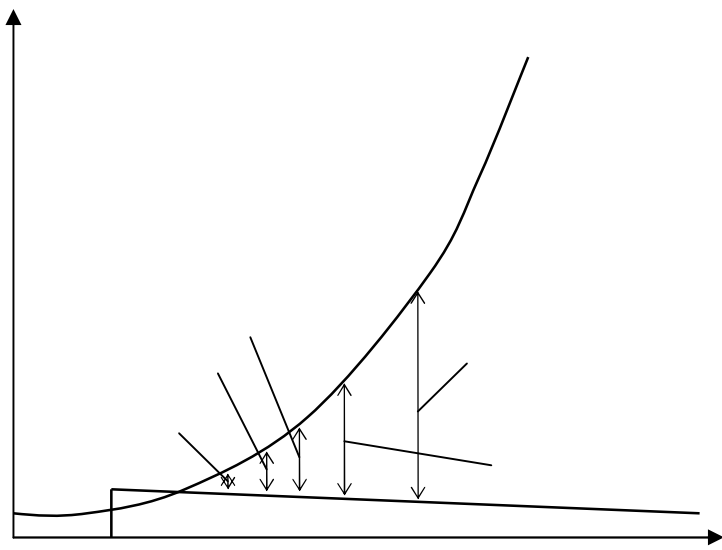
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6. Polovinkin .I. *Osnovy inzhernogo tvorchestva* [Bases of engineering work]. oscow: Mashinostroyeniye, 1988. 368 p.
7. Dobrov G. . *Prognozirovaniye nauki i tekhniki* [Prognostication of science and technique]. Moscow: Nauka, 1969. 208 p.
8. Kudrin B.I. *Tekhnoevolutsiya i yeye zakonomernosti* [Technoevolution and its laws] Elektrifikatsiya metallurgicheskikh predpriyatiy Sibiri: Sb. trudov [Electrification of metallurgical enterprises in Siberia]. Tomsk: Tomskiy universitet, 1989, no. 6, pp. 168-210.
9. *Evolyutsionnyye i revolyutsionnyye sotsialnyye izmeneniya* [Evolutional and revolutionary social changes]. Available at: <http://www.iteconomic.com/evolyucionnyye-i-revolyucionnyye-socialnyye-izmeneniya.aspx>. (accessed 19.05.2013).
10. Dvoryankin . . ., Polovinkin A.I., Sobolev A.N. *Metody sinteza tekhnicheskikh resheniy* [Methods for the synthesis of technical decisions]. oscow: Nauka, 1977. 103 p.
11. Povileyko R.P. *Inzhernoye tvorchestvo* [Engineering creativity]. oscow: Znaniye, 1977. 62 p.

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