Another type of log-periodic oscillation on Polish stock market?

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Log-periodic oscillations : $p(t) \propto |t-t_c|^{\beta} \cos [\omega \ln |t-t_c|]$ have been proposed [1] to predict price trends p(t) and the time of a crash t_c on financial markets. So far two types of log-periodic time development have been associated to the real markets. The first type oscillations accompany a rising market and end in a crash, so that we have $t < t_c$. The second type oscillations, called anti-bubble, appear after a crash, $t > t_c$ and describe how the price falls down after a crash.

Here we propose the third type of log-periodic oscillations. Some exogenous crash initializes a crash, similarly to the anti-bubble, hence $t > t_c$, but a market is raising up. Such behavior has been identified on Polish market index WIG between "Russian crisis of August 1998 and "The New Economy crash in April 2000.

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