



Fig. 15: Aperiodic response for $K_p=1.2$ și $T_i=8$ s.

7 Conclusions

A first conclusion is that observed to achieve automatic control of steam generator should be considered absolutely all natural phenomena, mechanical, chemical and construction taking place in the steam plant.

A second conclusion is that the automatic control systems required thermal power sharing is the primary categories of tasks (system tasks, group and service and maintenance tasks).

The study was found that the thermal power plant Rovinari all these tasks are implemented, their adjustment is made at simple loop but lacks a level of centralization of all activities that would lead to better performance.

Adjust the air pressure is against the flow of fuel, since no adjustment taking into account the oxygen removed and the depression of the outbreak, despite the fact that use coal as fuel.

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