

1. Surname, name
Serebriansky Dmitry
2. Denomination
Improving the efficiency of thermal power plants gas cleaning
3. Specialty
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4. Employer
Odessa National Polytechnic University
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6. Scientific supervisor
Burov Aleksandr, Dr.Eng., Professor
7. Opponents
Kesova Lubov, Dr.Eng., Professor Zaitsev Oleg, Ph.D.Eng., Assoc.Prof.
<p>The thesis is dedicated to the research of both the processes taking place in gas cleaning in system of sequentially - connected curvilinear channels with closed loops and their influence upon the processes taking place in heat power plants, as roll as to the comparison of gas cleaning efficiency in cyclone separators and closed loop channel systems under rations service conditions. The studies conducted in the thesis reline and develop a new line in the theory and practice of dust and - ash gas cleaning, combining centrifugal separation with multiple filtration of heterogeneous gas flow trough the layers solid particles circulating on equilibrium orbits in closed loops.</p> <p>Key words: gas cleaning, dust, closed loops, efficiency.</p>