

Abstract Submitted  
for the SHOCK13 Meeting of  
The American Physical Society

**The strength of reinforced concrete constructions under dynamic loads** ANDREY RADCHENKO, PAVEL RADCHENKO, STANISLAV BATUEV, MAXIM GONCHAROV, IGOR BALDIN, VASILIIY PLEVKOV, Tomsk State University of Architecture and Building — At projection of industrial and civil facilities it is necessary to consider probable dynamic loads: impact, seismic waves, etc. Results of the coordinated experimental and numerical investigations of destruction of various types of ferroconcrete elements of constructions at impact loads are given in the work.

Andrey Radchenko  
Tomsk State University of Architecture and Building

Date submitted: 11 Feb 2013

Electronic form version 1.4