

Abstract Submitted  
for the SHOCK07 Meeting of  
The American Physical Society

**Discharge of PZT 95/5 Ferroelectric Ceramics under Tilted Shock Wave Compression.** FUPING ZHANG, JINMEI DU, YI ZHANG, YUSHENG LIU, GAOMIN LIU, HONGLIANG HE — The current waveform of Ferroelectric ceramics PZT 95/5 depoling under tilted shock wave compression has been studied. Analytic model was established to analyze the effects of incident angle on the rising time, duration and peak amplitude of the depoling current. Experiments were conducted as well to confirm these effects. Result indicted that with the increasing of incident angle, the depoling current rises with longer time, pulse duration becomes broad and the peak amplitude keeps constant until the waveform decays into triangular form.

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Date submitted: 11 Feb 2007

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