

<sup>1</sup> E. B. Royce, in *Physics of High Energy Density* (Academic, New York, 1971).

<sup>2</sup> G. R. Fowles, G. E. Duvall, J. Asay, P. Bellamy, F. Feistmann, D. Grady, T. Michaels, and R. Mitchell, *Rev. Sci. Instrum.* **41**, 984 (1970).

<sup>3</sup> D. E. Grady, *J. Appl. Phys.* (to be published).

<sup>4</sup> D. E. Grady, G. E. Duvall, and E. B. Royce, *J. Appl. Phys.* (to be published).

<sup>5</sup> The topic of pulsed magnetic fields is well discussed by H. Zijlstra, *Experimental Methods in Magnetism* (Wiley, New York, 1967), Vol. I.

<sup>6</sup> Semi-Elements Inc., Saxonburg, Pa.

<sup>7</sup> The Wilkinson Company, P. O. Box 1307, Westlake Village, Calif.

<sup>8</sup> L. M. Barker and R. C. Hollenbach, *J. Appl. Phys.* **41**, 4208 (1970).

<sup>9</sup> R. P. Feynman, R. B. Leighton, and M. Sands, *The Feynman Lectures on Physics* (Addison-Wesley, Palo Alto, Calif., 1964), Vol. II.

<sup>10</sup> G. E. Duvall and G. R. Fowles, in *High Pressure Physics and Chemistry*, Edited by R. S. Bradley (Academic, New York, 1963), Vol. II.

<sup>11</sup> *General Electric SCR Manual*, 4th ed. (General Electric, New York, 1967).

<sup>12</sup> This would also allow investigation of conducting magnetic materials since eddy current effects would be eliminated by the nonconducting matrix.