

Table 5. Contributions to the elastic shear constants of cadmium  
in units of  $10^{12}$  dyne/cm<sup>2</sup>.

	$C_H$	$C_{66}$	$\left(\frac{dW}{d\epsilon}\right)_{\epsilon=1}$
Coulomb term, $Z^2 = 0,60$	2.893	0.213	-0.067
Full zone term, $\alpha_0 = 1.00$	2.066	0.254	-0.063
Overlap-hole term	-4.001	-0.093	0.130
Total (Experimental)	0.958	0.374	0.000