

TABLE 1

Magnetostriction and Pressure Dependence of  $T_c$  for PdFe Alloys.

<u>alloy</u>	<u>magnetostriction</u>		<u>pressure dependence</u>	
	$\frac{\partial \ln \mu}{\partial \ln V}$	$\frac{\partial \ln J}{\partial \ln V}$	$\frac{\partial \ln T_c}{\partial \ln V}$	$\frac{\partial \ln J}{\partial \ln V}$
Pd <sub>99.7</sub> Fe <sub>00.3</sub>	-0.89 ± 0.03	+2.0 ± 0.1	+1.7 ± 1.7	+2.6 ± 1.0
Pd <sub>99</sub> Fe <sub>01</sub>	-1.05 ± 0.03	+1.7 ± 0.1	-	-
Pd <sub>97</sub> Fe <sub>03</sub>	-0.06 ± 0.01	+3.2 ± 0.1	+1.5 ± 0.6	+2.5 ± 0.4