

Aluminum	900	24.3
Copper	385	24.4
Gold	130	25.6
Steel/Iron	450	25.0
Lead	130	26.8
Mercury	140	28.0
Water	4190	75.4
Ice ( $-10\text{ }^{\circ}\text{C}$ )	2100	$a_{nn}$

$$\begin{pmatrix} a_{11} & a_{12} & \cdots & a_{1n} \\ a_{21} & a_{22} & \cdots & a_{2n} \\ \vdots & \vdots & \vdots & \vdots \\ a_{n1} & a_{n2} & \cdots & a_{nn} \end{pmatrix}$$