# Erratum: Multiple scattering theory for 3D periodic acoustic composites Phys. Rev. B 60, 11993 (1999)

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In Eq.(13) and its equivalent Equations (E7) and (E8) the coefficients $a_{l'm'}$ should be replaced by $t_{l'}a_{l'm'}$. The correct equations have the form

$$\sum_{l'm'}[A_{lml'm'} - k_o\mathrm{Im}(t_{l'}^{-1})\delta_{ll'}\delta_{mm'}]t_{l'}a_{l'm'} = 0. \quad (13)$$

$$\sum_{l'm'}[\sum_{p\neq n} e^{i\mathbf{k}(\mathbf{R}_p-\mathbf{R}_n)}g^{(h)}_{lml'm'}(\mathbf{R}_p-\mathbf{R}_n) - (t_{l'}^{-1})\delta_{ll'}\delta_{mm'}]t_{l'}a^n_{l'm'} = 0, \quad (E7)$$

$$\sum_{l'm'}\{-ik_o[\sum_{\mathbf{R}_j\neq 0} e^{i\mathbf{k}\mathbf{R}_j}g^{(h)}_{lml'm'}(\mathbf{R}_j) + \delta_{ll'}\delta_{mm'}] - k_o\mathrm{Im}(t_{l'})^{-1}\delta_{ll'}\delta_{mm'}\}t_{l'}a_{l'm'} = 0. \quad (E8)$$

There is also a misprint in Eq. (B2) where the $4\pi$ should be replaced by $\sqrt{4\pi}$. Therefore Eq. (B2) becomes

$$D_{LM} = -ik_o[\sum_{\mathbf{R}_n\neq 0} e^{i\mathbf{k}\mathbf{R}_n}h_L(k_oR_n)Y^*_{LM}(\mathbf{R}_n) + \frac{1}{\sqrt{4\pi}}\delta_{L0}\delta_{M0}]. \quad (B2)$$

In the paragraph immediately after Eq. (B2) the $\cos(k''_o r)/r''$ should be $\cos(k_o r'')/r''$.