

**Erratum: Eigenvalues and eigenfunctions of spin-weighted spheroidal harmonics in four and higher dimensions**  
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Expressions (2.16f) and (2.16g) for the coefficients  $f_5$  and  $f_6$  contain a few errors. They should read

$$\begin{aligned}
 f_5 &= m^3 s^6 \left( \frac{8h(l)}{l^6(l+1)^3(l-1)^3} - \frac{8h(l+1)}{l^3(l+1)^6(l+2)^3} \right) + m s^2 h(l) \left( -\frac{h(l+1)(7l^2+7l+4)}{l^3(l+2)(l+1)^3(l-1)} - \frac{h(l-1)(3l-4)}{l^3(l+1)(2l-1)(l-2)} \right) \\
 &\quad + m s^2 \left( \frac{(3l+7)h(l+1)h(l+2)}{l(l+1)^3(l+3)(2l+3)} - \frac{3h^2(l+1)}{l(l+1)^3(l+2)} + \frac{3h^2(l)}{l^3(l-1)(l+1)} \right), \\
 f_6 &= \frac{16m^4 s^8}{l^4(l+1)^4} \left( \frac{h(l+1)}{(l+1)^4(l+2)^4} - \frac{h(l)}{l^4(l-1)^4} \right) + \frac{4m^2 s^4}{l^2(l+1)^2} \left( -\frac{(3l^2+14l+17)h(l+1)h(l+2)}{(l+1)^3(l+2)(l+3)^2(2l+3)} + \frac{3h^2(l+1)}{(l+1)^3(l+2)^2} \right. \\
 &\quad \left. - \frac{3h^2(l)}{l^3(l-1)^2} \right) + \frac{4m^2 s^4}{l^2(l+1)^2} \left( \frac{(11l^4+22l^3+31l^2+20l+6)h(l)h(l+1)}{l^3(l-1)^2(l+1)^3(l+2)^2} + \frac{(3l^2-8l+6)h(l-1)h(l)}{l^3(l-2)^2(l-1)(2l-1)} \right) \\
 &\quad + \frac{h(l+1)h(l+2)}{4(l+1)(2l+3)^2} \left( \frac{(l+3)h(l+3)}{3} + \frac{l+2}{l+1} \left( (l+2)h(l+2) - (7l+10)h(l+1) + \frac{(3l^2+2l-3)h(l)}{l} \right) \right) \\
 &\quad + \frac{h^3(l+1)}{2(l+1)^2} - \frac{h^3(l)}{2l^2} + \frac{h(l)h(l+1)}{4l^2(l+1)^2} \left( (2l^2+4l+3)h(l) - (2l^2+1)h(l+1) - \frac{(l^2-1)(3l^2+4l-2)h(l-1)}{(2l-1)^2} \right) \\
 &\quad + \frac{h(l-1)h(l)}{4l^2(2l-1)^2} \left( (l-1)(7l-3)h(l) - (l-1)^2h(l-1) - \frac{l(l-2)h(l-2)}{3} \right),
 \end{aligned}$$

in complete agreement with [1]. We are very grateful to Sam Dolan for pointing out the errors.

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[1] E. Seidel, *Classical Quantum Gravity* **6**, 1057 (1989).