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A note on more accurate light scattering properties of spheroidal model particles by revised scattering codes

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Various independent scattering codes to calculate the light scattering properties of spheroidal model particles were revised to provide more accurate results than previously possible. A variety of numerical tests were carried out with regard to convergence, accuracy, compilers and speed of the calculations. The results will be discussed in detail, also in view of big data bases of the light scattering properties of this type of model particles as built up, e.g., by the author.