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FOUNDATIONS

ADVANCES

Supporting information for article:

The chord-length distribution of a polyhedron

Salvino Ciccariello

DEPOSITED PARTS RELEVANT TO THE MS.:

The chord-length distribution of a polyhedron

by Salvino Ciccariello

March 15, 2020

The attached PDFs: "Primitive_CF1.pdf" and "Primitive_CF3.pdf" respectively are the MATHEMATICA codes that allowed us to perform the analytical calculations of the t-primtives of the functions $\mathfrak{F}_1[r, t, u(t)]$ and $\mathfrak{F}_3[r, t, u(t)]$ [see equations (81) and (84) of the ms.]. The corresponding primitives are reported in Appendix A. We note that the ms' quantities $\mathfrak{f}$, $\mathcal{A}$ and $\mathcal{B}$ are denoted as fff, AAA and BBB in the attached codes.