962-Q1-111 **Jaime Carvalho e Silva** (`jaimecs@mat.uc.pt`), Departamento de Matemática, Universidade de Coimbra, Apartado 3008, 3001-454 Coimbra, Portugal. *Anastácio da Cunha and the search for rigor.*

The eighteenth century Portuguese mathematician José Anastácio da Cunha wrote a small book of 300 pages where he wanted to include all known mathematics from elementary Euclidean geometry to the differential and integral calculus and the calculus of variations (the isoperimeter problem). In several of his writings da Cunha criticizes Euler and its lack of rigor. I will try to show how Anastácio da Cunha dealt with these difficult problems in calculus and its applications to mechanics, and who influenced him. (Received August 04, 2000)