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*Ioannis Carandinos and the Ionian Academy*. Preliminary report.

#### Ioannis Carandinos and the Ionian Academy

Carandinos, from Cephalonia was the man, who in the beginning of the XIXth century, introduced modern mathematics in Greece with his teaching and with his important translations. Rector, professor, research worker and translator these are the four facets of Carandinos personality. First Rector of Ionian Academy (British period), he showed evidence of his efficacious administrative activities during his mandate (1824-1832). From his teaching was created the first kernel of mathematicians in Greece. Attracted by infinitesimal analysis he contributed to its rigorous foundation with his treatise. Research on the nature of differential calculus. Tireless translator he offered to the nation some French contemporary mathematical books, of high level, but at the same time accessible to Greeks. He also created modern mathematical terminology in Greek. Gifted with a will of iron, he surmounted all material obstacles opening new perspectives for Greece. The new notions of: differential quotient, integral, function, limit, derivative etc. were transplanted in Greece and almost all mathematical culture of the XVIIIth century took roots in the Ionian islands. (Received September 16, 2008)