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Charles Hermite

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# Œuvres de Charles Hermite

VOLUME 3

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*Cliché Pireou*

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SOUS LES AUSPICES DE L'ACADÉMIE DES SCIENCES

Par ÉMILE PICARD,

MEMBRE DE L'INSTITUT.

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## AVERTISSEMENT.

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La publication des Œuvres d'Hermite se poursuit dans les mêmes conditions, grâce au zèle dévoué de M. Henry Bourget qui me continue son précieux concours, et aux soins de M. Gauthier-Villars.

Les Mémoires ici reproduits vont de 1872 à 1880. Ce Volume commence toutefois par un travail inédit *Sur l'extension du théorème de Sturm à un système d'équations simultanées*, datant de la jeunesse d'Hermite, retrouvé récemment dans les papiers de Liouville. On lira aussi dans ce Tome divers Chapitres empruntés au *Cours d'Analyse de l'École Polytechnique*, une Note publiée dans l'*Algèbre supérieure* de Serret sur les équations résolubles par radicaux, et enfin une Leçon sur *l'équation de Lamé*, faite à l'École Polytechnique pendant l'hiver de 1872-1873, qui, à notre connaissance, contient les premières recherches d'Hermite sur une question qu'il devait approfondir quelques années plus tard. Le portrait placé au commencement du Volume représente Hermite vers l'âge de soixante-cinq ans.

Dans le Tome IV et dernier, nous publierons la fin de l'œuvre mathématique d'Hermite, ainsi que divers articles et discours.

ÉMILE PICARD.

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