

Yoder (Joella G.) on Christiaan Huygens

Unrolling Time - Christiaan Huygens and the Mathematization of Nature

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Comment: many black and white text-figures 2nd reprinted edition, 1990 Contents, Chapitres : Contents, Preface, xi, Text, Notes, Bibliography, Index, 238 pages - Introduction - 1. Accelerated motion : Gravity : Mersenne's problem - Riccioli's attempt - 2. Accelerated motion : Centrifugal force : De Vi Centrifuga - The conical pendulum - Precursors - 3. Accelerated motion : Curvilinear fall : the Galilean treatise - The isochronism of the cycloid - The pendulum clock - 4. Evolutes : The rectification of the cycloid - The evolute of the cycloid - The evolute of the parabola - The general formula - 5. Curvature : Apollonius and minimal lines - Newton and measure - Leibniz and structure - 6. Rectification : Priority and the parabola - Evolutes and rectification - Priority and the pendulum - Dimension reduction and pi - Geometry and the calculus - 7. Diversions : Sea trials - The universal measure - The compound pendulum - Further discoveries - Caustics - 8. Conclusion near fine copy, the editor's binding is fine, inside is fine, clean and unmarked, without dust-jacket

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