

Figs. 3 and 4 show plots of the deflection ratios and Ml/D at the clamped end versus wl^3/D for $\theta = 30^\circ, 45^\circ,$ and 60° . In Figs. 3 and 4, the marks o on the curves show the transition points from the first stage to the second stage.

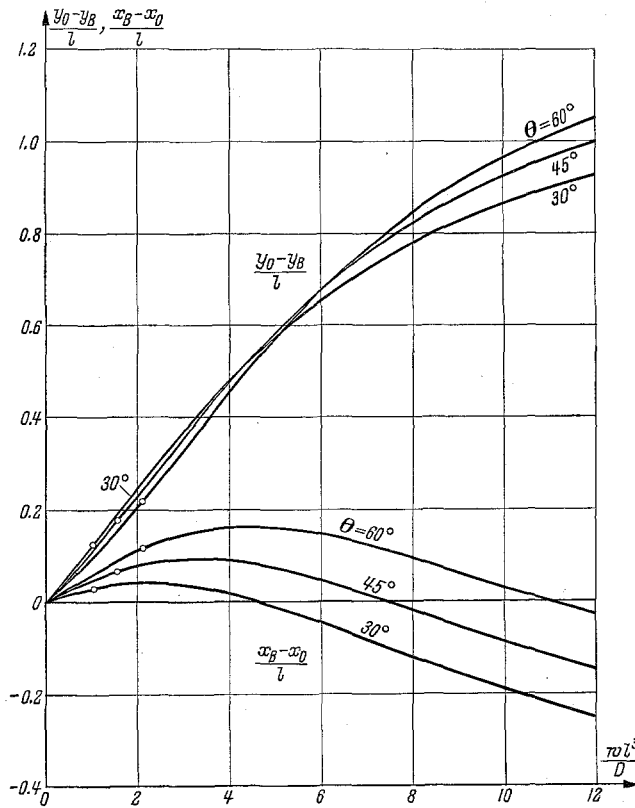


Fig. 3. Variation of $(x_B - x_0)/l$ and $(y_B - y_0)/l$ with wl^3/D .

5. Summary. In this paper, the bending of thin circular cantilever beam, convex downward, under a uniformly distributed load is discussed by the use of the *Bernoulli-Euler* equation. The solutions are obtained in the form of power series. Numerical results are also presented.

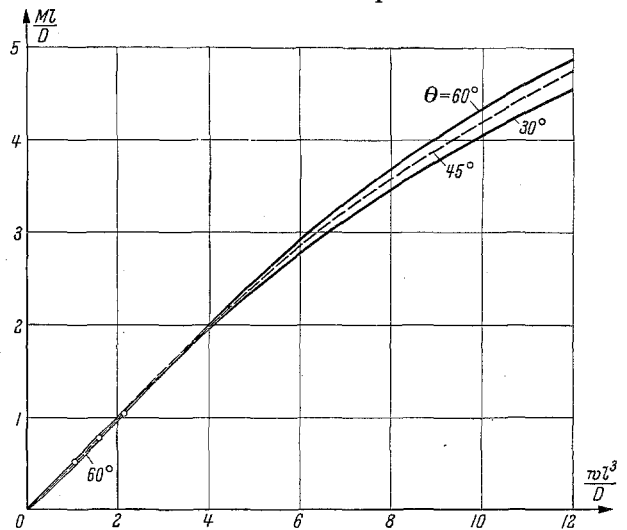


Fig. 4. Variation of Ml/D at the clamped end of a circular cantilever with wl^3/D .

The author wishes to thank Dr. S. Higuchi, Professor Emeritus of the Tōhoku University, for his suggestion and encouragement in the work. The author also wishes to thank Professor F. Numachi and Professor O. Tamate for their kind advice.

(Eingegangen am 2. Oktober 1958.)

Anschrift des Verfassers: Kiichi Satō, Sakurakōji, Sendai (Japan), Tōhoku University,
Department of Mechanical Engineering,

Berichtigung

zu meiner Arbeit S. 73 dieses Bandes „Die Beschleunigungsänderung,
II. Mitteilung“

Von W. Meyer zur Capellen

Es muß auf S. 77 in der Nebenfigur zu Abb. 4b nicht v_A sondern v_{BA} heißen.

(Eingegangen am 17. Juni 1959.)

Anschrift des Verfassers: Professor Dr.-Ing. Walter Meyer zur Capellen, Aachen, Technische Hochschule.