



Slide Valve Gears; A New Graphical Method for Analyzing the Action of Slide Valves, Moved by Eccentrics, Link-Motions and Cut-Off Gears, Offering Easy Means for Properly Designing Valves and Valve-Gears, and for Establishing

By Hugo Bilgram

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1878 edition. Excerpt: . In this latter case, nothing in relation to the link-motion is disturbed, and the original diagram of ideal eccentrics (Fig. 39) will serve, the only difference being a change of the crank from OK to OK', and the latter line is the base line for the new diagram, as regards the angles of advance, while OK remains the centre line of the locus. This result is identical with that obtained before in Fig. 38, but by this way of reasoning we can easily ascertain through what angle the crank should be shifted in order to get the line J i at right angles with the new base line Fig OK'. This angle is evidently = $\angle IW=3$. (See Fig. 29.) If the link is as shown in Fig. 40, the crank need only be shifted so that the points i and i' (Fig....



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