



Manual of Instruction in Hard Soldering; With an Appendix on the Repair of Bicycle Frames; Notes on Alloys and a Chapter on Soft Soldering (Paperback)

By Harvey Rowell

Theclassics.Us, United States, 2013. 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 usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1905 edition. Excerpt: .water necessary to balance one cubic inch of the respective metals. Tenacity of metals is ascertained by observing the weights required to break wires drawn through the same orifice. They stand in the following ratio: Iron, 269 Gold, . 68 Copper, -- 157 Tin, -24 Platinum, --124 Zinc, IS Silver, -85 The different metals become fusible, or melt, according to Prof. Daniel s pyrometer, at the following degrees of wmperture: MBTAL. fAHBBHHRIT. C1NTIRADB. Bismuth, . 497 258 Copper, 1996 1091 Gold, Iron, cast, -2786 1630 Lead, . 617 826 Nickel and Iron, wrought, high-est heat of forge. Platinum, not fusible in ordinary furnaces. Silver, . 1878 1023 Tin, 442 228 Zinc, 778 412 Alloys of metals vary from the mean melting point oi the metals of which they are composed. They usually melt at a lower degree of temperature than the mean, and sometimes at...



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