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| Autore                  | Ostaszewski Krzysztof <1957->                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Titolo                  | Henstock integration in the plane // Krzysztof M. Ostaszewski                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| Soggetti                | Henstock-Kurzweil integral                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| Nota di contenuto       | <p>""Table of Contents""; ""Introduction""; ""Chapter 1: Henstock integral""; ""Derivation bases""; ""Derivatives""; ""Henstock integral""; ""Variation""; ""Variational integral""; ""Various ways to define the Henstock integral""; ""Additive bases""; ""Chapter 2: Derivation bases on the plane""; ""Perron integral""; ""Specific bases on the plane""; ""Basic properties of the bases defined""; ""Absolute integration""; ""Lebesgue integral""; ""Comparison of nonabsolute integrals""; ""Differentiation of integrals""; ""Continuity of interval functions""; ""Chapter 3: Generalized Fubini Theorem""</p> <p>""Product bases""""Fubini Theorem""; ""Corollaries to the Fubini Theorem""; ""Tolstov's counterexample""; ""Chapter 4: The integral of Kempisty""; ""Functions absolutely continuous in the sense of Kempisty""; ""Burkill integral""; ""Properties of derivatives and the Burkill integral""; ""Semi-absolutely-continuous functions""; ""The relationship between the Kempisty integral and the <math>I_{[2]}</math>-integral""; ""Lebesgue integrability on a nontrivial subinterval""; ""The integrals of Mawhin and Pfeffer""; ""Chapter 5: Approximate derivation bases""; ""Density topologies on the plane""</p> <p>""Filtered bases""""Approximate bases""; ""The integral of Chelidze and Dzhvarsheishvili""; ""The relationship of the CD-integral to the other integrals""; ""Bibliography""</p> |

