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which to build further more specific and detailed knowledge

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persamaan diferensial merupakan fondasi dalam pembelajaran matematika murni dan terapannya dalam

banyak permasalahan kehidupan nyata fenomena fenomena yang terjadi dapat dipelajari dengan membentuk persamaan matematika dan salah satunya adalah penggunaan persamaan diferensial pada perhitungan bunga majemuk sebagaimana telah disampaikan sebelumnya dan pentingnya peran persamaan diferensial dalam pemecahan masalah masalah kehidupan nyata maupun pengembangan ilmu murni lainnya maka perlu ada referensi yang dapat dijadikan pegangan dalam mempelajari persamaan diferensial referensi tersebut diharapkan mudah dipakai dalam belajar mandiri maupun pembelajaran dalam kelas dan diharapkan dapat memuat materi materi dasar sebagaimana disebutkan sebelumnya

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includes entries for maps and atlases

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providing a practical exposition of the elementary theory of differential equations for the applied mathematician and considerable material on methods of solution analysis and approximation that prove useful in a wide range of applications this text is written primarily for the undergraduate student of mathematics science or engineering who has a two to three semester working knowledge of calculus with some familiarity with matrices from preface p ix

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