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= 3;  $k = 3$ ""; ""9.1 Introduction""; ""9.2 Types of triples: distances""; ""9.3 Locating  $t_{(2)}$  and  $t_{(3)}$ ""; ""10 Nielsen Eq:  $(2,4, n) t = 2; k = 2$ ""; ""10.1 Introduction""; ""10.2 Types of triples""; ""10.3 Location of  $t_{(1)}, t_{(2)}$  and  $t_{(3)}$ ""; ""11 Pentagon  $t = 9 \& 2a \in \mathbb{Z}$  Spectrum""; ""11.1 Step 1: Label the wedge""; ""11.2 Step 2: Double and Extend""; ""11.3 Step 3: Drop perpendiculars""; ""11.4 The two  $\in \mathbb{Z}$  two spectrum""; ""11.5 More distance computations""; ""11.6 Distances to  $qA_{(0)}$ ""; ""11.7 Locate three order two points""""12 The Seven & Geometric Eq  $t = 9$ ""; ""12.1 Introduction""; ""12.2 The variation of  $h$  and  $b$ ""; ""12.3 Rule out a seven on the  $I^2$  side""; ""12.4 Rule out a seven on the  $D$  side""; ""12.5 Interior sevens""; ""12.6 Notation""; ""12.7 Geometric equivalence  $(2,3, 7) t = 9; k = 2$ ""; ""13 Discreteness Theorem Proof""; ""13.1 The Proof of the Discreteness Theorem""; ""13.2 The proof of sufficiency""; ""IV: The Real Number Algorithm and the Turing Machine Algorithm""; ""14 Forms of the Algorithm""; ""14.1 What is an algorithm?""; ""14.2 The Elliptic Order Algorithm""

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