Agenda:

Graphs of Solutions of DE Stope felds Recognizing Slope fields esson 164

to the differential A0 15 Where A(t)= A.et Greneral solution has solution Constant, this is the A(t) = A(t) equation.

とこれにいる 4 4 ( Otherwise implicit solut Solutrons the solutions We say we have explicit be course furtions of X. equation described as differential turther more,

is a family of solutions that include: A(t)=Aoct

Solutions, including one that tx. 104.1 Solve the differential Equation of = -2x. Graph A particular

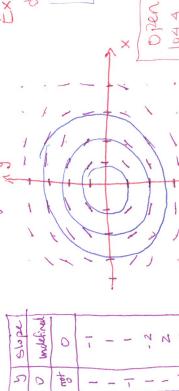
y=-x+4 y=-x2+2 Particular: (1,1)

9 + x 2 C Wseful when

Solution

Ex. Slope field for

×



0 中。

Redd for Draw a diff. Equ. Ex. 104.2

page 533 71000 Sug A slope 20 B Sym X-Chuss C Lorrect D X = -y slope = Open 104.4

7