	Mon Tue Wed Thu Fri Sat Sun  C·W  Date: 2012 August 2024
1	
-	Numerical Computing
70	
	lecfure 1
-	
-	Problem.
0	Problem. (Lef $F''(n) + 2F'(n) \cdot F(n) = 0$
7	Conditions - Duitial Nalue
	-> Boundary Value
*	
1	Initial Conditions
*	Boundary (F(0) = 1 ( F'(0) = 0
*	Conditions F(1):0
10	
9	Using some numerical approach
-	S. Approximate Solition - april numerical scheme ko use
	SA = Approximate Suprim is april manie
-	S Exact Solution> Satisfies equations and conditions
*	E Exact Solution> Supsyles of
*	7
16	L' [ use in any type of method to check the accuracy of ]
7	. Errors: use in any type of method to check the account of
7	
*	Absolute Residual
-	Prosolu Fe
-	=  S_E - S_A   F=   put approximate solution   S_E - S_A   S_E - S_A
N.	$\frac{1}{3}$
4	Abs. error
9	0.2 1.1 × 10.6
1	0.4 6.1 × 10-16 Minimal