OMETEM NO MARMURYMY MA GBILL. Задания 2 Уравнения метопроводности ипудантки 408 гр. Дыячковой С. Е. Вариант 2. 1 Framanosta jagaru. Mretyumas emengen converient pagesomes & otracons Q = f(n,t); 0< a < 1, 0< t < 1; hputumento pensome yp-e mensonpolognocmes 84 = 824 + f/2,t/ e novamerumu u/x,0/= u/x) neu t=0 u spaclounces yenotamus u/o,t/ = u/1,t/ =0 neu t t=0 Centra 8 observe $\mathfrak{A} = \mathfrak{A} V \Gamma$ gagacimes paraceproces to observe representations: $\int \mathfrak{A} m = mh$, m = 0,..., U, Uh = 1 $t^n = n \, \tau$, n = 0,..., N, $N\tau = 1$ Varantagramica obegnarious: gas comowness appression и в (по (кт, 2 п) - ит ; для разностного аналога оператора дли при к = кт выра. nou == em bospanserure Umri - dum + Uni Bapuann Jaganus NED: wendy haber moreney 1 2m + Un + 9m

(4) Morra pagnomener - (x = xm, t= tm+ x) (2) Fipabas racmo - 4m = f/Rm, t " \$) + h 2 0 2 / (Rm, t " \$) (3.) Frozpewnoams ERR = 22/034 - 3 04/2002 (3) 064) + h4 /5 054 / 31804 3. Ganouruloans JHORUNIN: NVm = - II Vm, 1 = m = 11-1 выла рассиотрена вспологательна. Experience Aberemen Havob caremberriary beamopob a guarence (Vm = 12 sin (Tkmh) 16 k = M-1 1 pr (4) = 4 sin 2/ Tikh) Уто позволлем выразимь собственные значения исходной разностной скеми: 1/k)= 5+ cas Tikh - 122 sin 2 Tikh 5+ costikh + 122 stn atikh DOROGANO, remo MAN Pecx I, h, k /1/= 1 excua asconomno gemourusa.

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