(4) U:+ = U:+ U'(x) h + U'(x) h u'(x) h = au; +bu;+1 + CU;+2 U1+2= 4: +2hu'(x:) +2h2 u"(x:) u'(x:)h = au; +b[u; +u'(x:)h+u"(x:)+] + ([u; +2hu'(1:)+2h²u"(xi)] "(x:)h=1ah; +1bh; + (bh'(x:)h+1bh"(x:)h2 +(c)2h2"(x:) a+b+c=0 a=-3/2, b=2, c=-1/2 b+2c=1b + 2c = 0