$$V^{nm} = U^n + 2st \sum_{j=1}^{\infty} k_j k_j$$

$$k_j = \int_{\mathbb{R}^n} (t_n + c_j \circ k_j) U^n + st \sum_{k=1}^{\infty} a_{jk} k_k$$

$$\int_{\mathbb{R}^n} d_j k_k d_j k_k$$

$$\int_{\mathbb{R}^n} d_j k_k d_j k_k d_j k_k d_j k_k d_j k_k$$

$$\int_{\mathbb{R}^n} d_j k_k d_j k_k d_j k_k d_j k_k d_j k_k d_j k_k d_j k_k$$

$$\int_{\mathbb{R}^n} d_j k_k d_j$$

Mediand is

ie, or kin, ky occur on r. hs. of (2).

- Semi. Implicitly A is lower triangular but has some won-vanishing diagonal elements So Kimk; may occur on r.h.s. of (2), but not Kurning Ky. Than (2) can be solved superally for each j.

· implicit if A is not lower triangular.

Didn of Cousi, lancy,

by: A numerical quellal is consistent it it,

LTE Tu -> 0 as at -> 0.

Consistent of order pit In = O(At?) as Dt >0.

We want to donible conductors for the RR-wellong to Ge coursistend of order p.

Ve assume a scalar OPE.

let 4 solar 4'= fld(4), and 6(1)= 0". 19 = 4(20), 0' = de (20), & = d(20,0") l. - Of(20,0"),... Taylor in I your alter. 4 (+++1) = a + a+ a+ a+ + = a+3 a" + O(A+4) order for order don't fine 019 10 = 1 fee 128 fee + 8 fee) + f. (fe + 81.) G + f. F => U(4) M) = U+ M++++ RF+++ M+ (G++-F)+OGHY Taylor in ? warriables. f(x+ 0x, 7+0) = 1 + 0x fx + 0y ly + 2 0x lxx + 0x 0y lxy + + 09° 677 + 0 (63) 4 60% 04,04 0x 0(4). Hon: Xo that, Decot, y= U" = f + coatle + at (Eneka) fu

K; = \$ (to + 0 st, 0"+ st & sicke) the Gratifut + Atic; Tajeke fun + 2 st2 ([aseke) 2 fun + 0(0.13) In embacking for Olatic

1 1 1 1 A1 3 6; 27 = 11 (A12)

= a + s+ (5, b), a' + 0(01)

One. Shop even:

11(4.10d)-0" = 4 + at 4' + 0(ati)

- a - Ad (2.6;) a - 0(812)

= 01 (1- 26,) ul + 0(0t)

LTE: 1 (4(4+st)-UTT) = (1- 26;) 4 + 0(0+)

Then: A RK unchool is consisted if and only if

E bi = 1. In this case it is consisted of order

and load one.

NOW 455 mme 2 b; = 1. k) = & 1 () o+ & + a+ (800 k) & +0 (A+3) = 8-16,011, + 11 (29,01), + 0(013) = & a Ad (Cs. (4 + 2 95 & & ...) + 0/A(1) 0" = 0" + 7 6, R, " μ" + Δ+ξ b; 1 + Λε (Σ b; C; L, + ξ b; Σ 25 e d f.) +0/0-13) (1/4/1) = 4+ at 4 + 2 At 4" + 6 (0+3) = u+ a+ d+ + d+ (1++14-1) + 0 (0+3)

Need: Σ b; c; $dt + \Sigma$ b; Σ a; ϵ day $= \frac{1}{2}(didden)$ Need: Σ b; $C_i = \frac{1}{2}$, Σ b; Σ a; $\epsilon = \frac{1}{2}$ for consistency of order Z_i , S in C_i then, $C_i = \frac{1}{2}$ $C_i = \frac{1}{2}$

From how on on other always assume that $\Sigma_{e} = S_{i} = S_{i} = S_{i}$.

The $\Sigma_{e} = S_{i} = \Sigma_{e} = S_{i} = S_{i} = S_{i}$ and $\Sigma_{e} = S_{i} = S_{i} = S_{i} = S_{i}$.

7 Les	en tor a Remarked to have order of consisting up to 11 the following antilion on to be salingued by assume 2 age = cs.
2	For the second s
3	5 5; 0° = 3
Ly	Jan by City and the second of
	This sie con the
	5 b; a, e ach ch = 1/24