## 4. VASE

PROBLEM MATRICIPEDA MYO ZENDO MUGA D:

That: MATRIME IN DINENZIDE

An, ..., Am in [da, ..., don +1]

din Ai = di x di+1

Dahod: snin. st. mnovený rednih stevil ra

ismin produkta danih metrik A1. A2.... An

N(i, i)... m.h. st. murens redul st. on source

mydesta dente marie ad Ai do Ao

N(i,ig) = min { N(i,b) + N(2+1, i) } + 48 = 2-2.4 + 0+ VS

N(i, g) = min { N(i,2) + N(2+1, g) + dide+1.dif why me with birelly I ledy was when during father on jobs

R.P.:  $i = y \Rightarrow N(i,i) = 0$ 

11-co+ 24+0: 9-8 = (2.0)4

180 4.5.2 + 69+0 + A=8

otoh-5-2 + 0+ 04 15-2

12 = 3 · 5 · 8 + 00 + 10 : 3 a 3

Iseter primer

R=1: 0 A 1. (m ) Ay) 5x2+ 10 40 = 10470

	2-2, (A1 A2) A3 = 60+0 + 30								
	3×5	1 5x4	. 4x2	12x3	3×5	5 * 4	4×6	6 x 3	- 8
gild	1203	2	3	4	2.5	16	17	8	10 50
1	0	60 6	70,2		300	) No	1		C. Therese
2	4	0	40						
3			0	703		3042	FINE .	AV SW	WIN WIN
4				24	7030	1	, A	A	. A
12.5					130	705			
6	1 2				0	60	1326	. = , A	unif
2			e			0		1326	
7		2	and is	wds.	In la	n is	O D	72	in the stand
8							1.24.0	0	นการ์ง
		· wt	\	A	mitting	white.	6	and me	

N144)= (70, [3]) C

ν(3,5) = &= \$4' 24+0 + 4.3.5 = 84

ν(3,5) = &= \$3: 30+0+4.2.5 = 70

THUST and (14) + ν(1)

'MOLY mo range derill: ( rady and when some recensible 3 in 4)

1 (6,4) = 2=6: 0+72+60=12 1 (6,4) = 2=+: 110-10, 5:6.3=210

(i, i)

O= (1,i) U = i= i

O(i,i) = st. opt. produktor matrix A:, ..., A;

O(1,1) = 1

O(i,i+1) = 1

 $(A_1 \cdots A_p)(A_{p+1} \cdots A_m)$   $(A_1 \cdots A_p)(A_{p+1} \cdots A_m)$   $(A_1 c) \sim O(p+1, p)$ 

FIJOJAV

 $O(iig) = \sum_{\substack{2 \in M(i,g)(1)\\ \\ \text{ide}}} O(i,2) - O(2+1/g)$ 

CASOVLA ZALITEVNOST: Olm2. m)

storllo

ismun strya

# ( ph ( ph ( ph ph ) ) ) ( ph ph )

((shiph). ((sh) ((sh) (ship)))(ship)

mejer

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NALOGA 2: Lydow isster der syong Extimely st. gening je V(1,8) = 1932 Yo Dine nosine sales amorimo motole: (A, A2) (A3 ... Aq) tist is vernor to roomer to roomer to the sea &= 6 &= 7 A, Az &=6: (A3... A8) (A7 A8) &=7: (A3...A7).A8 A7 A8 (A3.--A6) A4 (A 3 A4 A5) · A6 (A3 A4 As)A6 (Az Ay) As (A3 A6) A5 (A, Az)((((Az·Ay))(As)) (Aq·Ay)) (A1A2) ((((A3 A4) A5)A6)A4) A3) (komst) linns som a m list: Zame a m ident in praviler postavljenime obletaji

his des' medors' trains for a sindered or NALOGA 3: a monto) no sours stegiens motile a) V(1,9) = 242b.) That jil moun They je run en moint (A/(A2 A3))(((A4 · As) A6) A7) A8) L) A3 (((A4 A5) A6)A7) 1.) 130 opening: N(1,5)= 130 2i) Y(5/8)=168 l.) tadriji stolper die posacumali od godaje 01m2)

To = Mox { (1/1,4), 1/5,8)} d,s dy + O (min { d, ds, ds do}) Raj re John imoto vouvelle Super som ~ (1,8) = mln { max (N(1,2), N(2+1,8)) + dy de+1 de } (A/Az /2) /(((A - A) +6) +6) +4) /4) nemejon Motor (cA(sh(sh pA))) eA (w 1) ADD Opening - NO1/5)- ADD 891 = (3/2)4 (2 1) taking stolpe les procuments we