

LR 25.4.05

Notiztitel

25.04.2005

**I**

	vel	vel
gef	20	10
gef	20	10 <sup>9</sup>

**II**

	vel	vel
gef	p	2
gef	32	10 <sup>9</sup>

$$C_1^I = 1, C_n^R = 1 : \quad 30 \quad \sim \quad 34$$

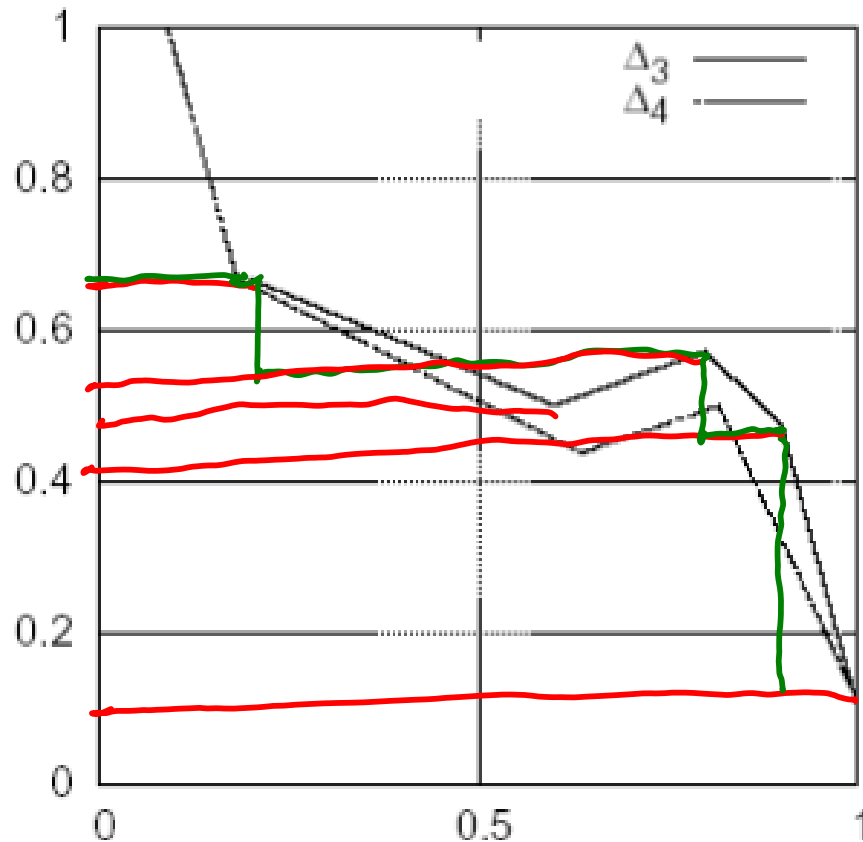
$$C_9^I = 4, C_n^R = 1 \quad 60 \quad 40 \quad \text{II besser}$$

$$C_4^I = 1, C_n^R = 4 \quad 90 \quad 130 \quad \text{I besser}$$

# schwache Ordnungen

(+ - - | + + + - - - -)

$p$  bei  $\nu = \frac{\pi}{4}$  ?  $\frac{\pi}{3}$   $\frac{\pi}{2}$



ceiling-  
Interpolation

## erwartete Suchlänge

(+ - - | + + + + ~ - - - )

1 relevantes Dok aus 1. Rang

$$erl_{NR} = \sum_{v=1}^i v \cdot P(v)$$

Fall	$v$	$P(v)$	$\sum v \cdot P(v)$
+ - -	0	$1/3$	$\left. \begin{array}{l} 0 \cdot \frac{1}{3} + 1 \cdot \frac{1}{3} + 2 \cdot \frac{1}{3} \\ = 1 \end{array} \right\}$
-+ -	1	$1/3$	
- - +	2	$1/3$	

$$i=2, r=1, T=7$$

$$erl = \frac{i}{r+1} \cdot T = \frac{2}{1+1} \cdot 7 = 7$$

(+ + ~ ~ | . . . . )

$$i=2, r=2, T=2$$

$$erl = \frac{2}{1+2} \cdot 2 = \frac{4}{3}$$