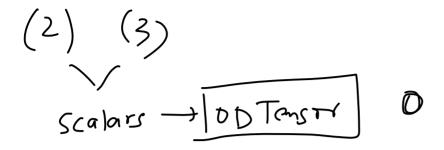
1. What are Tensors

Thursday, March 25, 2021

4:44 PM

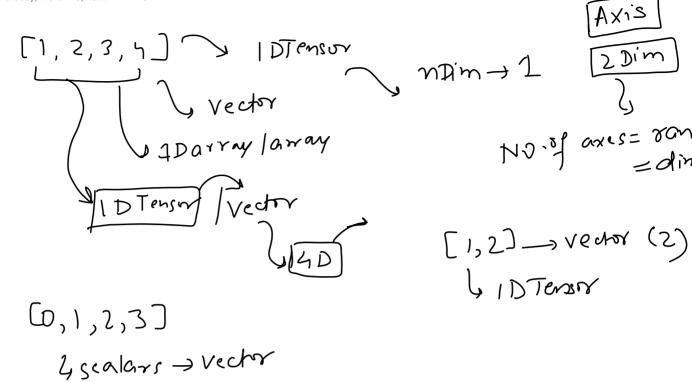
2. OD Tensor/Scalar

Thursday, March 25, 2021 4:44 PM



3. 1D Tensor/Vector

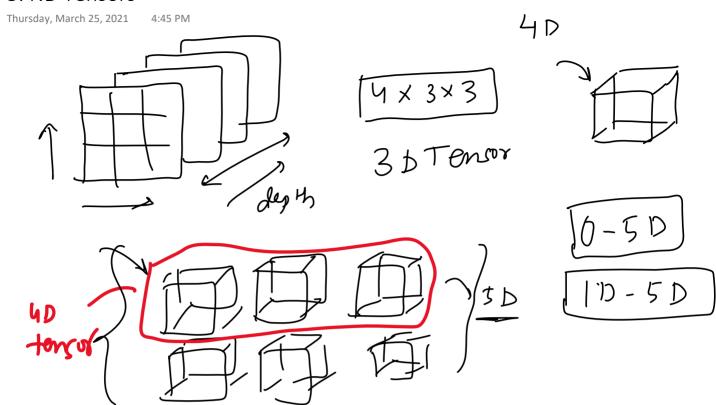
Thursday, March 25, 2021 4:45 PM



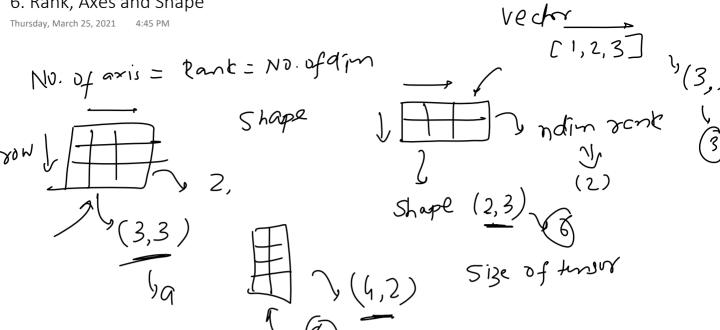
4. 2D Tensor/Matrices

Thursday, March 25, 2021 4:45 PM

5. ND Tensors



Size = 1



7. Example of 1D Tensors

ID Tenra Wecker Thursday, March 25, 2021 Students 8-1,91,0 JBD 102 Ó Stare 01/01...]

8. Example of 2D Tensors

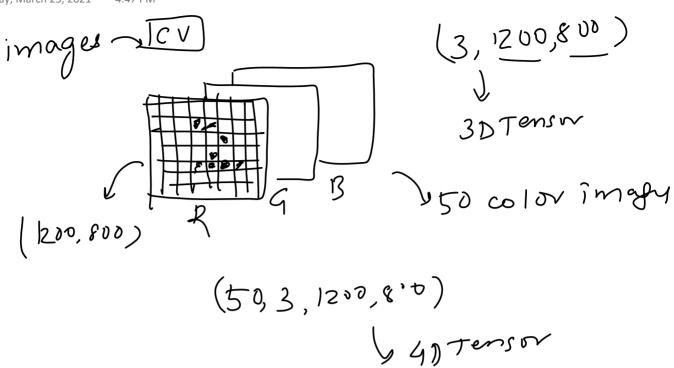
Thursday, March 25, 2021 4:46 PM

9. Example of 3D Tensors Thursday, March 25, 2021 4:46 PM

Thursday, March 25, 2021 4:46 PM					
NLP	Hi	Nhish	Rahw	Anti)	
Hi Nitish)	Ō	0	<u>ს</u>	
Hi Rahul	0		0	O	
Hi Intit	O	O	١	D	
	0	0	٥		
$\begin{bmatrix} \begin{bmatrix} 1,0,0,0 \end{bmatrix}, \end{bmatrix}$	[0, 1 , 0,1	[ده	(N)	$\frac{1}{3}$	2,4)
[[1,0,0,0]]	[0,0,1	,o)] (J 3DTe	nsor	
[[1,0,0,0]]	,0,0,	ייין (
Timeserics Date	a -(2) 1es+ li			× 10	years
High	iesz Ki	9W \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		65,2)	
Dry I	-				
Poyl -	_	_ ~	> 2D -	10	time.
pay 365.		-		(10)	365,2)
3 (5				(730 Jenson

10. Example of 4D Tensors

Thursday, March 25, 2021 4:47 PM





Thursday, March 25, 2021 60 sec 486×720 (3 channels) 4 (60sec) viders L, [27 GB]