

n	w	Fachhochschule Nordwestschweiz Hochschule für Wirtschaft											
		Bool	ean	Op d2	erat	tors	 <i>in the Vector Model</i> Many search engines allow queries with 						
		iccident ar ause	2 1 0	0 1 0	1 0 1	1 0 0	Boolean operators (vehicle OR car) AND accident Search						
	c c f i r	rowd 0 ie 1 rive 0	0 1 0	0 0 0	1 0 1 0 1 0	0 0 0	 Retrieval: Boolean operators are used to 						
		neavy njur nore	2 0 0	0 0 2		1 0 0	select relevant documentsin the example, only documents						
	r C	norning eople juarter egister	1 1 0	0 0 1 1	0 2 0	0 0 0	vehicle" or "car"are considered relevant						
	t t v	ruck rucker rehicle	0 0 0	0 0 1	1 1 0	0 0 1	 ranking of the relevant documents is based on vector model 						
	v y	ienna esterday	1 1	1 0	1 0	1 0	idf-tf weightingcosine ranking formula						
Q	Prof. Dr. Knut Hinkelmann Information Retrieval and Knowledge Organisation - 2 Information Retrieval												























n	V Fachhochschule Hochschule für	e Nordwests Wirtschaft	chweiz										
Finding Similar Documents – Principle and Exa Example: Find the most similar documents to d1													
	accident car cause crowd die drive four heavy injur more morning people quarter register truck trucker vehicle vienna yesterday	IDF 0.5 0.5 1 1 1 1 1 1 1 0.5 1 1 1 0.33 1 1	d1 2 1 0 0 1 0 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 1 1	d2 0 1 0 0 0 0 0 0 0 0 1 1 0 0 1 1 0	d3 1 0 1 1 0 1 1 0 2 0 0 1 1 0 1 0	 Principle: Use a given document d as a query Compare all document d_i with d Example (scalar product): IDF * d1 * d2 = 0.83 IDF * d1 * d3 = 2.33 The approach is the same as for a : same index same ranking function 							
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