cases	doc_1		doc_2		decision	id
	authors	• Brody Huval • Adam Coates • Andrew Ng	**authors**	• Brody Huval • Adam Coates • Andrew Ng	DUPLICATES	86
	title	Deep learning for class-generic object detection	**title**	Deep learning for class-generic object detection		
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	urls	• https://web.archive.org/web/20200829012650/https://arxiv.org/pdf/1312.6885v1.pdf	**urls**	• http://arxiv.org/pdf/1312.6885v1 • http://arxiv.org/abs/1312.6885v1 • http://arxiv.org/pdf/1312.6885v1		
	id	id-6595971147323571396	**id**	id567718059290715185		
	abstract	We investigate the use of deep neural networks for the novel task of class generic object detection. We show that neural networks originally designed for image recognition can be trained to detect objects within images, regardless of their class, including objects for which no bounding box labels have been provided. In addition, we show that bounding box labels yield a 1% performance increase on the ImageNet recognition challenge.	**abstract**	We investigate the use of deep neural networks for the novel task of class generic object detection. We show that neural networks originally designed for image recognition can be trained to detect objects within images, regardless of their class, including objects for which no bounding box labels have been provided. In addition, we show that bounding box labels yield a 1% performance increase on the ImageNet recognition challenge.		
	versions		**versions**			