



## تمرین هفتم درس روش پژوهش و ارائه دانشکده مهندسی کامپیوتر

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## برسی و مهار مثالهای خصمانه در یادگیری ماشین Bibliography Elsevier - Harvard

- Adversarial Examples Are Not Easily Detected | Proceedings of the 10th ACM Workshop on Artificial Intelligence and Security [WWW Document], n.d. URL <a href="https://dl.acm.org/doi/abs/10.1145/3128572.3140444">https://dl.acm.org/doi/abs/10.1145/3128572.3140444</a> (accessed 5.28.22).
- Adversarial Machine Learning Attacks and Defense Methods in the Cyber Security Domain | ACM Computing Surveys [WWW Document], n.d. URL <a href="https://dl.acm.org/doi/10.1145/3453158">https://dl.acm.org/doi/10.1145/3453158</a> (accessed 5.27.22).
- Adversarial machine learning for cybersecurity and computer vision: : Current developments and challenges: WIREs Computational Statistics: Vol 12, No 5, n.d. . Wiley Interdisciplinary Reviews: Computational Statistics.
- Biggio, B., Roli, F., 2018. Wild patterns: Ten years after the rise of adversarial machine learning. Pattern Recognition 84, 317–331. https://doi.org/10.1016/j.patcog.2018.07.023
- Brachman, R.J., Stone, P., n.d. Synthesis Lectures on Artificial Intelligence and Machine Learning 169.
- Goodfellow, I.J., Shlens, J., Szegedy, C., 2015. Explaining and Harnessing Adversarial Examples.
- Huang, L., Joseph, A.D., Nelson, B., Rubinstein, B.I.P., Tygar, J.D., 2011. Adversarial machine learning, in:

  Proceedings of the 4th ACM Workshop on Security and Artificial Intelligence, AlSec '11. Association for Computing Machinery, New York, NY, USA, pp. 43–58. <a href="https://doi.org/10.1145/2046684.2046692">https://doi.org/10.1145/2046684.2046692</a>
- Laskov, P., Lippmann, R., 2010. Machine learning in adversarial environments. Mach Learn 81, 115–119. https://doi.org/10.1007/s10994-010-5207-6
- Machine learning uncertainties with adversarial neural networks | SpringerLink [WWW Document], n.d. URL <a href="https://link.springer.com/article/10.1140/epjc/s10052-018-6511-8">https://link.springer.com/article/10.1140/epjc/s10052-018-6511-8</a> (accessed 5.27.22).
- McDaniel, P., Papernot, N., Celik, Z.B., 2016. Machine Learning in Adversarial Settings. IEEE Security Privacy 14, 68–72. <a href="https://doi.org/10.1109/MSP.2016.51">https://doi.org/10.1109/MSP.2016.51</a>
- Tabassi, E., Burns, K.J., Hadjimichael, M., Molina-Markham, A.D., Sexton, J.T., 2019. A taxonomy and terminology of adversarial machine learning (preprint). https://doi.org/10.6028/NIST.IR.8269-draft
- Wiyatno, R.R., Xu, A., Dia, O., de Berker, A., 2019. Adversarial Examples in Modern Machine Learning: A Review.
- Yuan, X., He, P., Zhu, Q., Li, X., 2019. Adversarial Examples: Attacks and Defenses for Deep Learning. IEEE Transactions on Neural Networks and Learning Systems 30, 2805–2824. <a href="https://doi.org/10.1109/TNNLS.2018.2886017">https://doi.org/10.1109/TNNLS.2018.2886017</a>
- Zhang, C., Benz, P., Imtiaz, T., Kweon, I.S., 2020. Understanding Adversarial Examples From the Mutual Influence of Images and Perturbations, in: 2020 IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR). Presented at the 2020 IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), pp. 14509–14518. https://doi.org/10.1109/CVPR42600.2020.01453
- Zhao, Z., Dua, D., Singh, S., 2018. Generating Natural Adversarial Examples.
- Zheng, H., Zhang, Z., Gu, J., Lee, H., Prakash, A., 2020. Efficient Adversarial Training With Transferable Adversarial Examples, in: 2020 IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR). Presented at the 2020 IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR), IEEE, Seattle, WA, USA, pp. 1178–1187. https://doi.org/10.1109/CVPR42600.2020.00126

Domai	nkin, C., Maffeis n, in: 2019 56th EEE Design Autor	ACM/IEEE Design	n Automation C	onference (DAC		
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