2022 VNN-COMP Award

Verification of Neural Networks Competition Highest Overall Score
Verification of Neural Networks Competition Category Winner for
carvana-unet-2022, nn4sys, vggnet16-2022, cifar100-tinyimagenet-resnet, cifar-biasfield, oval21, sri-resnet-a/b, mnist-fc, rl-benchmarks

Co-located with the 34th International Conference on Computer-Aided Verification (CAV'22)
Alpha-Beta-CROWN

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The 3rd International Verification of Neural Networks Competition (VNN-COMP'22) is a formal methods and verification competition for neural networks, held in conjunction with the 5th Workshop on Formal Methods for ML-Enabled Autonomous Systems (FoMLAS'22) and affiliated with the 34th International Conference on Computer-Aided Verification (CAV'22), which is dedicated to the advancement of the theory and practice of computer-aided formal analysis methods for hardware and software systems.

Stanley Bak, Christopher Brix, Taylor T. Johnson, Changliu Liu, and Mark Müller   July 31, 2022