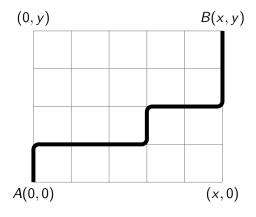


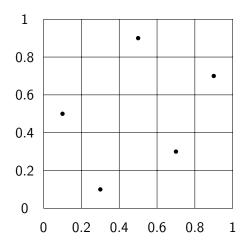
LeatherBack Project

The development of computer vision models has progressed rapidly, from YOLO's fast and efficient real-time object detection to the powerful and flexible Vision Transformers. Both models represent milestones in the field, with YOLO excelling in speed and ViT pushing the boundaries of performance in image recognition. The future of computer vision is bright, with ongoing research promising even more breakthroughs.

Test1 - Draw path on grid



Test2 - Grid numbering and repoeating structures



Test3 - Hypothesis Space representation Reference Image

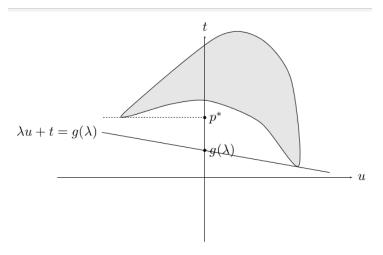
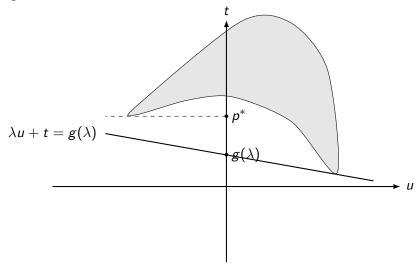


Figure: reference image.

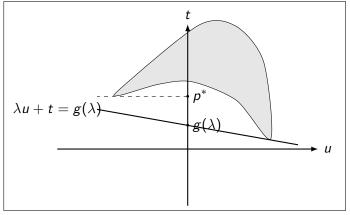
Test3 - Hypothesis Space representation

Using the makebox method



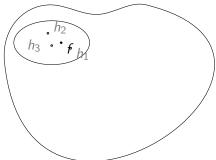
Test3 - Hypothesis Space representation





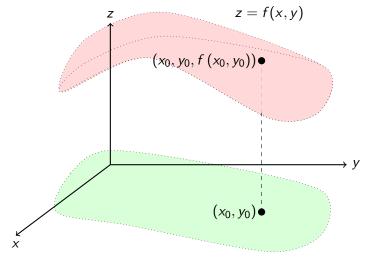
Test3 - Hypothesis Space representation

Using the Hobby + Tikz method



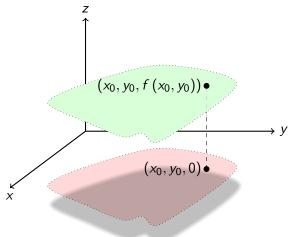
Curved shape of a surface

Representing curved shape of a surface using PGF



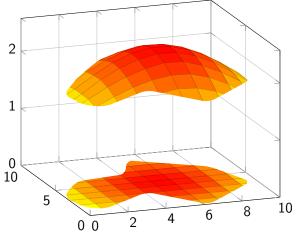
Curved shape of a surface

Representing curved shape of a surface using PGF



Curved shape of a surface

Representing curved shape of a surface using PGF



Drawing ELBO reference image

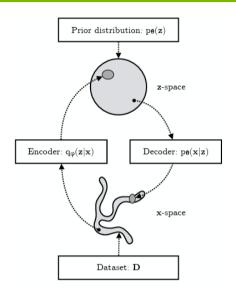


Figure: ELBO reference image.

Leatherback Observation Error reference image

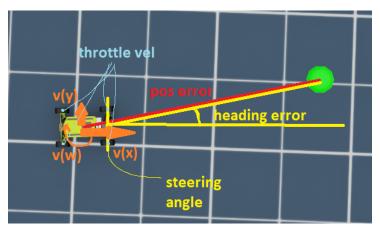


Figure: Leatherback Observation Error reference image.

Conclusion

The development of computer vision models has progressed rapidly, from YOLO's fast and efficient real-time object detection to the powerful and flexible Vision Transformers. Both models represent milestones in the field, with YOLO excelling in speed and ViT pushing the boundaries of performance in image recognition. The future of computer vision is bright, with ongoing research promising even more breakthroughs.