

From imaging algorithms to quantum methods Seminar

Report of Contributions

Contribution ID : 1

Type : **not specified**

Recent Transformer based architectures for image analysis

Monday, 20 January 2025 10:00 (60)

Review of recent Trasformer and beyond architectures that are applicable to machine vision tasks:

- Quick recap of the Transformer model
- Vision Transfromer (ViT)
- Swin Transformer: Hierarchical Vision Transformer using Shifted Windows
- Swin UNETR: Swin Transformers for Semantic Segmentation of Brain Tumors in MRI Images
- Swin-Unet: Unet-like Pure Transformer for Medical Image Segmentation

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Contribution ID : 2

Type : **not specified**

Discussion

Monday, 20 January 2025 11:00 (30)