

## **Artificial Creativity**

Creativity has various dimensions. It is novel, emergent, unpredictable, and is directed by conceptual space. Creativity depends highly on emotions, intentionality and is uncontrollable. Contributions in Arts like Mozart, Bob Dylan, and other notable artists cannot be matched by AI. It could be used for domain-specific problem solving, randomization, and Human-Computer Interaction.

Latent Space aids AI explanation. It allows powerful abstraction and semantic manipulation. It allows extraction and modification of the properties. Any degree of abstraction could be provided depending on data and procedures. Random sampling enables novel content creation from latent space. For example, a new image would be created combining a shirt and a bag.

AI-empowered DALL.E enables creating images from texts. Human control could be real-time or non-continuous. This has enabled AI-powered live performances and interaction through a video feed. Augmented drawing and animation creations are possible through dynamic transformations in Latent Space.

AI has augmented the creative experience around us. It is not at par with Human Intelligence but certain results are unexpected and new. No rights, legal protocols could be assigned to AI creativity. It is Human intelligence that makes AI operate hence, giving it only very little credit for creativity.