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## Trajectory update network

<b>Generator Network A</b>	Input: z, Input Trajectory
Layers	Output shape Activation
Dense Layer	1 x 1 x 256 ReLU
Dense Layer	1 x 1 x 512 ReLU
Dense Layer	1 x 1 x 512 ReLU
Dense Layer	1 x 1 x 1024 ReLU
Output: Gen. A	

<b>Generator Network B</b>	Input: Input Image Features
Layers	Output shape Activation
Dense Layer	1 x 1 x 1024 ReLU
Output: Gen. B	

<b>Generator Network C</b>	Input: Gen. A, Gen. B
Layers	Output shape Activation
Dense Layer	1 x 1 x 1024 ReLU
Dense Layer	1 x 1 x 1024 ReLU
Dense Layer	1 x 1 x 512 ReLU
Dense Layer	1 x 1 x 512 ReLU
Dense Layer	1 x 1 x 512 ReLU
Dense Layer	1 x 1 x 256 ReLU
Dense Layer	1 x 1 x 90 ReLU
Output: Gen. C	

<b>Discriminator Network A</b>	Input: Input Trajectory, Gen. C
Layers	Output shape Activation
Dense Layer	1 x 1 x 256 ReLU
Dense Layer	1 x 1 x 512 ReLU
Dense Layer	1 x 1 x 1024 ReLU
Output: Disc. A	

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<b>Discriminator Network B</b>		Input: Disc. A, Gen. B
Layers	Output shape	Activation
Dense Layer	1 x 1 x 1024	ReLU
Dense Layer	1 x 1 x 512	ReLU
Dense Layer	1 x 1 x 256	ReLU
Dense Layer	1 x 1 x 1	ReLU
		Output: Disc. B

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## Depth Correction Network

<b>Network A</b>		Input: Input Trajectory
Layers	Output shape	Activation
Dense Layer	1 x 1 x 256	ReLU
Dense Layer	1 x 1 x 512	ReLU
Dense Layer	1 x 1 x 512	ReLU
Dense Layer	1 x 1 x 512	ReLU
Dense Layer	1 x 1 x 1024	ReLU
		Output: Net. A

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<b>Network B</b>		Input: Input Image Features, Input Depth Features
Layers	Output shape	Activation
Dense Layer	1 x 1 x 2048	ReLU
		Output: Net. B

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<b>Network C</b>		Input: Net. A, Net. B
Layers	Output shape	Activation
Dense Layer	1 x 1 x 2048	ReLU
Dense Layer	1 x 1 x 1024	ReLU
Dense Layer	1 x 1 x 512	ReLU
Dense Layer	1 x 1 x 512	ReLU
Dense Layer	1 x 1 x 256	ReLU
Dense Layer	1 x 1 x 2	ReLU
		Output: Net. C

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