3D Point Cloud Model 73894

03.26

KEYPOINTS

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NOTES
               super(PointConvBidirection, self).__init__()
               flow_nei = 32
               feat_nei = 16
               self.level0_1 = Conv1d(32, 32)
               self.cross0 = CrossLayer(flow_nei, 32 + 32 , [32, 32]
               self.flow0 = SceneFlowEstimatorResidual(32 + 64, 32)
               self.level0_2 = Conv1d(32, 64)
                                                                                      Sceneflow Estimator
Residual = 9851
               self.level1 = PointConvD(2048, feat_nei, 64 + 3, 64)
               self.cross1 = CrossLayer(flow_nei, 64 + 32, [64, 64],
               [64, 64])
               self.level1_0 = Conv1d(64, 64)
               self.level1_1 = Conv1d(64, 128)
              self.level2 = PointConvD(512, feat_nei, 128 + 3, 128)
self.cross2 = CrossLayer(flow_nei, 128 + 64, [128,
               self.level2_0 = Conv1d(128, 128)
              # self.level2_0_t1 = Conv1d(128, 128)
# self.level2_0_t2 = Conv1d(128, 128)
self.level2_1 = Conv1d(128, 256)
               self.cross3 = CrossLayer(flow_nei, 256 + 64, [256,
               self.level3_0 = Conv1d(256, 256)
               self.level3_1 = Conv1d(256, 512)
               self.level4 = PointConvD(64, feat_nei, 512 + 3, 256)
              # self.deconv4_3_t2 = Conv1d(256, 64)
self.deconv4_3 = Conv1d(256, 64)
               self.deconv3_2 = Conv1d(256, 64)
               self.deconv2_1 = Conv1d(128, 32)
               self.deconv1_0 = Conv1d(64, 32)
               self.warping = PointWarping()
               self.upsample = UpsampleFlow()
```

SUMMARY