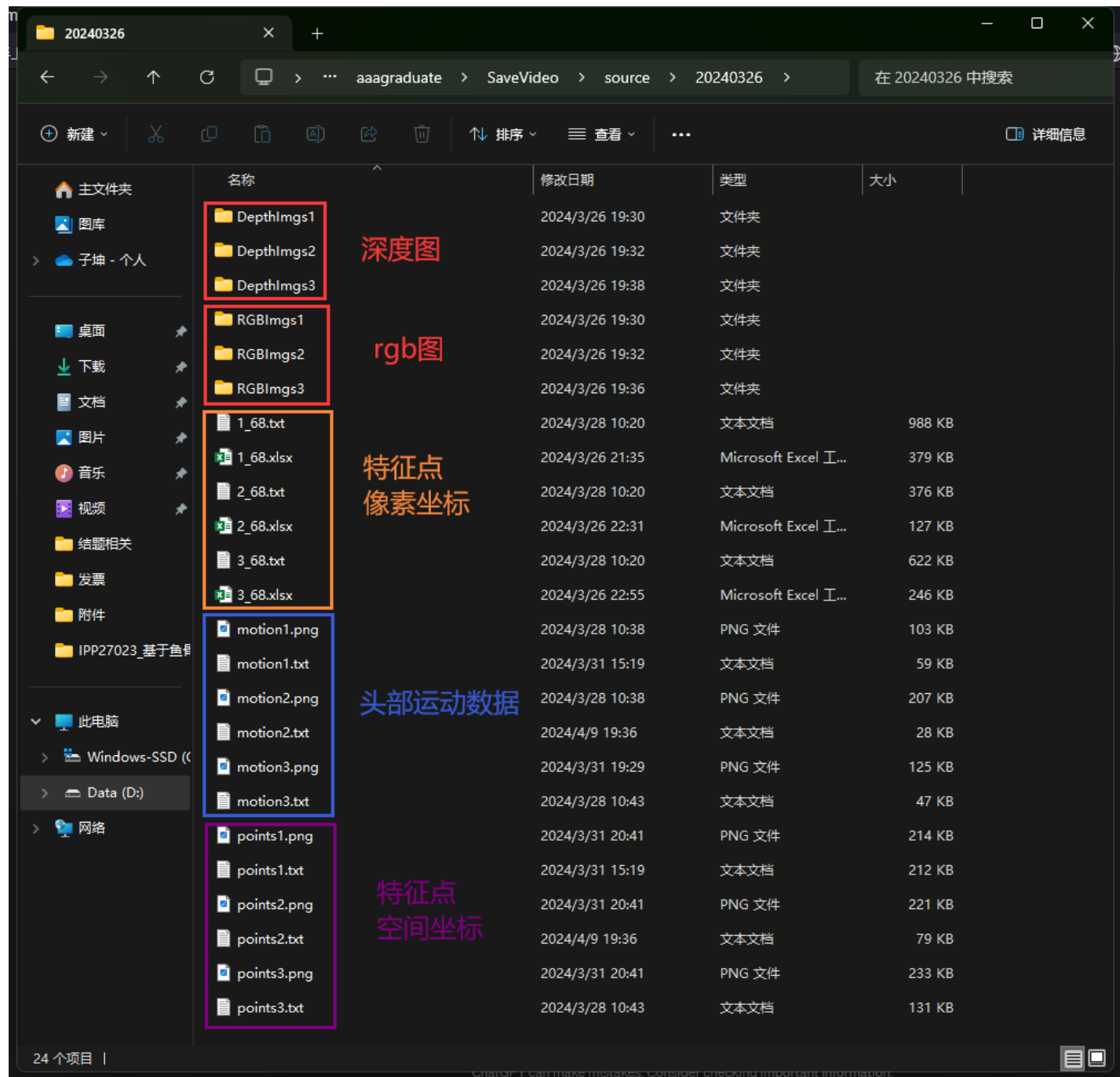
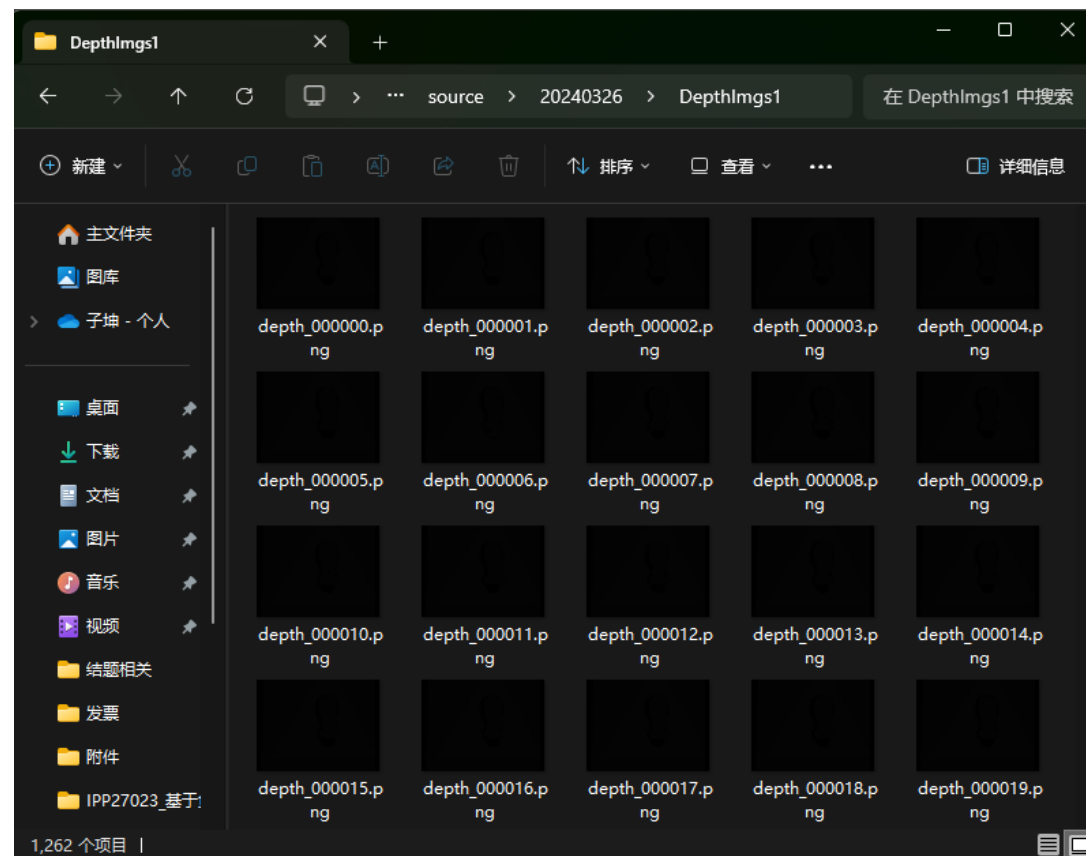
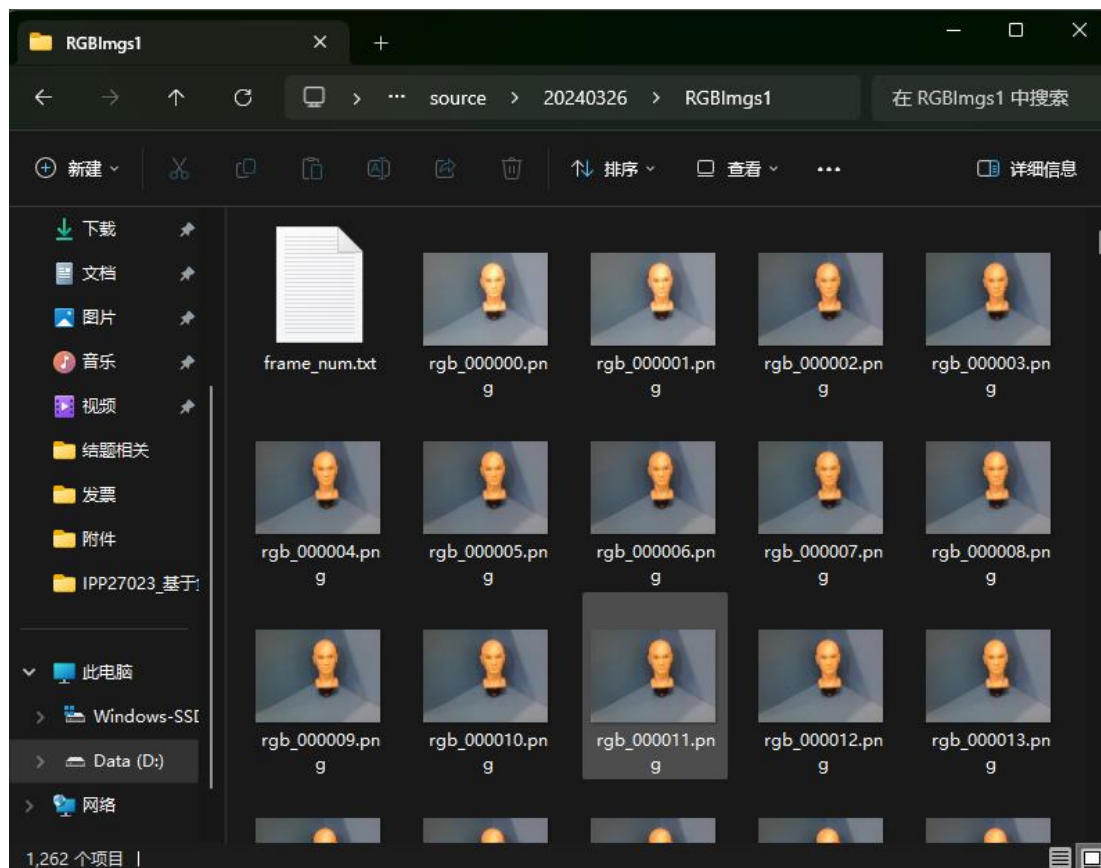


Kun 文件结构





图片命名格式：rgb_xxxxxx.png和depth_xxxxxx.png
两个文件夹中frame_num.txt记录了共有多少帧

特征点像素坐标数据格式

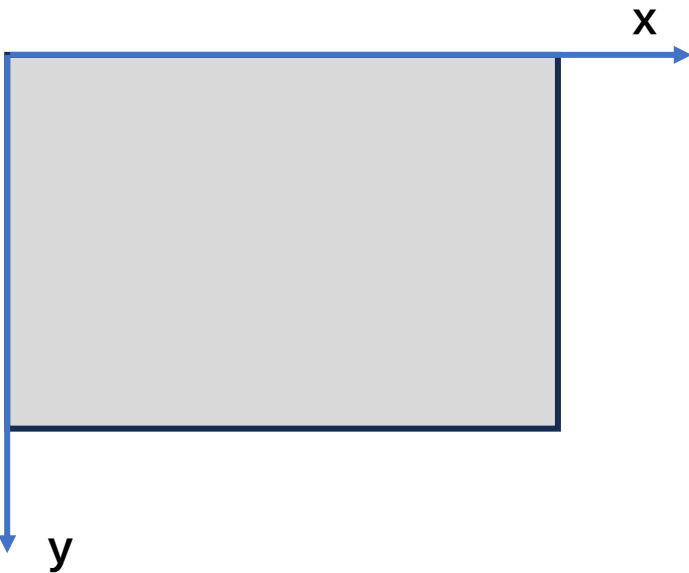
列：不同特征点

	A	B	C	D	E	F	G	H	I
1	PicNumber	1	2	3	4	5	6	7	8
2	0000	(303, 142)	(306, 158)	(310, 174)	(314, 188)	(320, 202)	(329, 214)	(340, 223)	(354,
3	0001	(303, 143)	(306, 158)	(310, 174)	(314, 188)	(320, 202)	(329, 213)	(340, 223)	(353,
4	0002	(303, 144)	(307, 159)	(311, 174)	(314, 189)	(320, 202)	(329, 214)	(340, 223)	(354,
5	0003	(304, 144)	(307, 159)	(310, 174)	(314, 189)	(320, 202)	(329, 213)	(340, 223)	(353,
6	0004	(304, 144)	(307, 159)	(311, 174)	(314, 189)	(320, 203)	(329, 214)	(340, 223)	(354,
7	0005	(303, 143)	(306, 158)	(310, 173)	(314, 188)	(319, 202)	(328, 213)	(340, 222)	(353,
8	0006	(303, 142)	(306, 158)	(310, 173)	(314, 188)	(320, 202)	(329, 213)	(340, 223)	(354,
9	0007	(303, 143)	(306, 158)	(310, 173)	(314, 188)	(319, 202)	(329, 214)	(340, 223)	(354,
10	0008	(304, 144)	(306, 159)	(310, 175)	(314, 189)	(320, 203)	(329, 214)	(340, 223)	(353,
11	0009	(303, 144)	(306, 159)	(310, 175)	(314, 189)	(320, 203)	(329, 214)	(340, 223)	(354,
12	0010	(304, 144)	(307, 159)	(310, 174)	(314, 188)	(319, 202)	(328, 213)	(339, 223)	(353,
13	0011	(303, 143)	(306, 159)	(310, 174)	(314, 189)	(320, 202)	(329, 214)	(340, 223)	(354,
14	0012	(304, 144)	(307, 159)	(310, 175)	(314, 189)	(320, 203)	(329, 214)	(340, 223)	(354,
15	0013	(304, 144)	(307, 159)	(310, 174)	(314, 189)	(319, 202)	(329, 214)	(340, 223)	(354,
16	0014	(303, 142)	(306, 158)	(310, 173)	(314, 188)	(320, 202)	(328, 213)	(340, 223)	(353,
17	0015	(303, 143)	(306, 158)	(310, 174)	(314, 189)	(320, 202)	(329, 213)	(340, 223)	(353,
18	0016	(304, 143)	(307, 158)	(310, 174)	(314, 189)	(321, 203)	(330, 214)	(341, 223)	(354,
19	0017	(304, 144)	(307, 159)	(310, 174)	(314, 189)	(320, 203)	(329, 214)	(340, 223)	(354,
20	0018	(304, 144)	(307, 159)	(310, 175)	(314, 189)	(320, 203)	(329, 214)	(340, 223)	(353,
21	0019	(304, 143)	(307, 158)	(310, 174)	(314, 188)	(319, 202)	(328, 213)	(340, 223)	(353,
22	0020	(304, 144)	(307, 159)	(311, 175)	(314, 189)	(320, 203)	(330, 214)	(341, 223)	(354,
23	0021	(303, 143)	(306, 159)	(310, 174)	(314, 189)	(320, 203)	(329, 214)	(341, 223)	(354,
24	0022	(304, 143)	(307, 159)	(310, 174)	(314, 189)	(320, 203)	(329, 214)	(341, 223)	(354,

行：不同帧数

(x, y) 对应像素坐标系x和y值

可以导出成csv或者txt格式，
我导出的txt列与列之间用的是
分隔符'\t'导出的



像素坐标系示意图

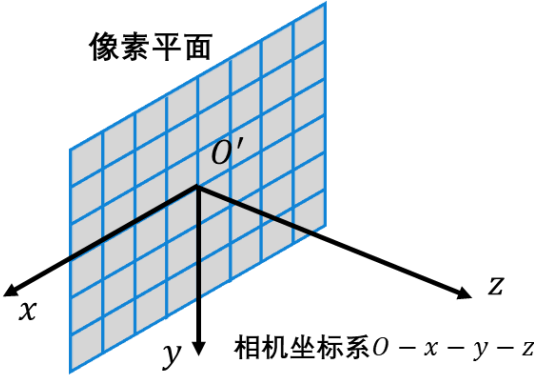
特征点空间坐标数据格式

列：不同特征点

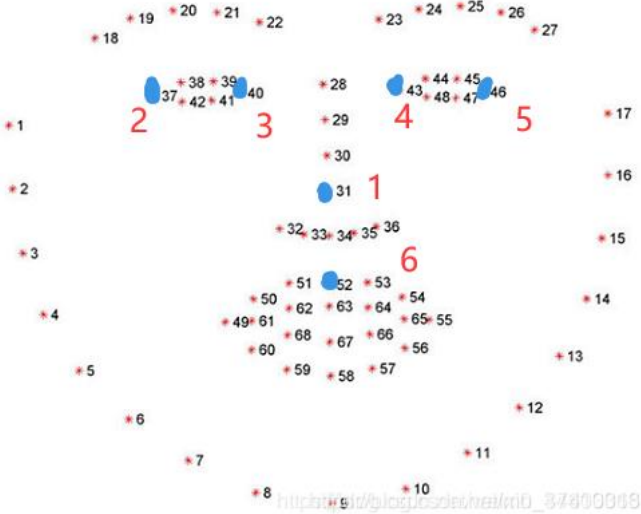
points1.txt					
文件 编辑 查看					
(50.6926,-72.2903,747.3394)	(2.1573,-109.7805,762.1597)	(29.4797,-106.3261,757.1072)	(65.2831,-109.0067,757.9590)	(93.0347,-116.9434,766.7914)	(52.3410,-48.5911,762.5785)
(49.5954,-72.3013,747.3818)	(2.1610,-109.7805,762.1597)	(29.3476,-106.3261,757.1072)	(65.2831,-109.0067,757.9590)	(94.3720,-116.6741,766.8040)	(52.3447,-48.7192,764.5688)
(50.8980,-73.5987,747.3470)	(2.0982,-109.4846,762.1439)	(29.3439,-106.3261,757.1072)	(66.6011,-109.0067,757.9576)	(94.3720,-118.0221,766.7743)	(52.3447,-48.5911,762.5739)
(49.3971,-72.0996,747.3207)	(2.0871,-109.4846,760.1862)	(29.4797,-106.3261,757.1072)	(66.6011,-109.0067,757.9576)	(94.6816,-116.9434,766.8508)	(52.3410,-48.5911,762.5864)
(49.5954,-72.2903,747.3317)	(0.8362,-109.7842,762.1767)	(29.4833,-106.3261,757.1072)	(66.6011,-109.0067,757.9576)	(94.0736,-117.9594,764.8124)	(52.3447,-48.5948,762.5785)
(49.5954,-72.2976,747.3651)	(2.0908,-109.4846,762.1439)	(29.3439,-106.3261,757.1072)	(65.2868,-109.2983,759.9495)	(94.3683,-116.9396,766.7868)	(52.3447,-48.5948,762.5831)
(49.5954,-72.2903,747.3317)	(2.0945,-109.4846,760.1862)	(29.3439,-106.3261,757.1072)	(66.6011,-109.0067,757.9576)	(92.7360,-116.6346,764.8296)	(52.3447,-48.7155,764.5583)
(49.5954,-72.2976,747.3805)	(2.0908,-109.4846,760.1816)	(29.3476,-106.3261,757.1072)	(66.6011,-109.0067,757.9576)	(92.7360,-116.6346,764.8171)	(52.5315,-48.7267,764.5721)
(49.5954,-72.2976,747.3651)	(2.1573,-109.7805,762.1597)	(29.4797,-106.3261,757.1072)	(66.6011,-109.0067,757.9576)	(94.3758,-116.9396,766.8165)	(52.3410,-48.5911,764.5287)
(50.8943,-72.2976,747.3593)	(0.8362,-109.7842,764.1534)	(29.3439,-106.3261,755.1103)	(65.2831,-109.0067,757.9576)	(94.6742,-116.9434,766.8165)	(52.5315,-48.5911,764.5596)
(50.8943,-72.2939,747.3470)	(2.1573,-109.7805,762.1597)	(29.3439,-106.3261,757.1072)	(65.2868,-109.0142,757.9668)	(94.6742,-116.9434,766.8508)	(52.3447,-48.5948,762.5909)
(49.5954,-72.2976,747.3561)	(2.0982,-109.4846,762.1439)	(29.4797,-106.3261,757.1072)	(65.2831,-109.0067,757.9590)	(93.0310,-116.9396,766.7743)	(52.3410,-48.5911,762.5785)
(49.5954,-72.2976,747.3727)	(2.0871,-109.4846,760.1816)	(29.4797,-106.3261,757.1072)	(65.2831,-109.0067,757.9622)	(94.0736,-117.9594,764.8124)	(52.3447,-48.5948,762.5785)
(49.5954,-72.2903,747.3329)	(2.0982,-109.4846,762.1439)	(29.4797,-106.3261,757.1072)	(66.6011,-109.0067,757.9576)	(94.3720,-116.9396,766.8040)	(52.3410,-48.5911,762.5739)
(49.5954,-72.2976,747.3528)	(2.0982,-109.4846,762.1439)	(29.3439,-106.3261,757.1072)	(66.6084,-109.2983,759.9541)	(94.0699,-117.9594,764.7999)	(52.3410,-48.5911,762.5739)
(49.3971,-72.0996,747.3239)	(2.0945,-109.4846,760.1862)	(29.4797,-106.3261,757.1072)	(65.2831,-109.0067,757.9590)	(92.7360,-116.6346,764.8296)	(52.3447,-48.5948,762.5785)
(49.5954,-72.2903,747.3528)	(2.0945,-109.4846,762.1439)	(29.3439,-106.3261,757.1072)	(65.2831,-109.0104,757.9622)	(92.7397,-117.9669,764.8171)	(52.5389,-48.7267,764.5721)
(49.5954,-72.2939,747.3483)	(2.0945,-109.4846,760.1940)	(29.4797,-106.3261,757.1072)	(65.2831,-109.0067,757.9576)	(94.3758,-116.9396,766.7914)	(52.5389,-48.7267,764.5721)
(49.5954,-72.2939,747.3406)	(2.0945,-109.4846,762.1439)	(29.3439,-106.3261,755.1103)	(66.6047,-109.0104,757.9622)	(92.7397,-117.9632,764.7875)	(52.5426,-48.7267,764.5721)
(49.5954,-72.2976,747.3452)	(2.0982,-109.4846,762.1472)	(29.4797,-106.3261,757.1072)	(65.2831,-109.0067,757.9590)	(94.3720,-116.6741,766.7868)	(52.3373,-48.5911,762.5739)
(50.8943,-72.3013,747.3882)	(2.0982,-109.4846,762.1439)	(29.3439,-106.3261,757.1072)	(65.2831,-109.0067,757.9576)	(94.3646,-116.6346,766.7822)	(53.6696,-48.5948,762.5785)
(50.8943,-72.2939,747.3516)	(2.0871,-109.4846,760.1816)	(29.4797,-106.3261,757.1072)	(66.6011,-109.0067,757.9576)	(94.0736,-117.9594,766.7400)	(53.6659,-48.5873,762.5739)
(49.5954,-72.2903,747.3361)	(2.0982,-109.4846,760.1862)	(29.4797,-106.3261,757.1072)	(65.2831,-109.0067,757.9576)	(94.3720,-116.9396,766.8040)	(52.3410,-48.5911,762.5785)
(49.5954,-72.3013,747.3849)	(2.0945,-109.4846,762.1439)	(29.3439,-106.3261,757.1072)	(65.2831,-109.0067,757.9622)	(94.0699,-117.9594,764.8124)	(52.3410,-48.5911,762.5739)
(49.5954,-72.2976,747.3638)	(0.8362,-109.7842,762.1832)	(29.4797,-106.3261,757.1072)	(65.2831,-109.0067,757.9590)	(94.3683,-116.6741,766.7697)	(52.3447,-48.6023,764.5629)
(49.5954,-72.2903,747.3361)	(2.0945,-109.4846,762.1597)	(29.3439,-106.3261,757.1072)	(66.6011,-109.0067,757.9576)	(94.3758,-116.9396,766.8165)	(52.3447,-48.5948,764.5563)
(49.5954,-72.2903,747.3317)	(2.1573,-109.7805,762.1597)	(29.3403,-106.3261,755.1103)	(66.6011,-109.0067,757.9576)	(92.7397,-117.9669,764.8124)	(52.5315,-48.5948,764.5642)
(50.8980,-73.6023,747.3683)	(2.0945,-109.4846,762.1439)	(29.4797,-106.3261,757.1072)	(66.6011,-109.0030,757.9576)	(94.3758,-116.9396,766.8086)	(52.3410,-48.5911,764.5530)
(49.5954,-72.2976,747.3727)	(2.1573,-109.7805,762.1597)	(29.3439,-106.3261,757.1072)	(65.2831,-109.0067,757.9590)	(92.7360,-117.9594,764.7828)	(52.3447,-48.5948,764.5629)
(49.5954,-72.3013,747.3805)	(2.0945,-109.4846,760.1862)	(29.3439,-106.3261,757.1072)	(66.6011,-109.0067,757.9576)	(94.3720,-116.6741,766.7868)	(52.3447,-48.5948,762.5785)
(49.3971,-72.0996,745.3950)	(2.0945,-109.4846,760.1862)	(29.4797,-106.3261,757.1072)	(65.2831,-107.9747,757.9883)	(94.3720,-116.9396,766.8040)	(52.3447,-48.5948,762.5831)
(49.5954,-72.3013,747.3805)	(2.0982,-109.4846,762.1472)	(29.3439,-106.3261,757.1072)	(66.6047,-109.0104,757.9622)	(92.7360,-116.6346,764.8124)	(52.3410,-48.5911,762.5739)
(49.5954,-72.2976,747.3651)	(2.0945,-109.4846,762.1439)	(29.4797,-106.3261,757.1072)	(65.2831,-109.0067,757.9590)	(94.3720,-116.6741,766.7868)	(52.3447,-48.5948,762.5785)

行：不同帧数

(x, y, z) 对应rgb相机坐标系x, y, z值



相机坐标系示意图



从左至右每一列对应特征点位置

头部运动数据格式

列：平动和旋转

行：
不同帧数

motion1.txt					
文件	编辑	查看			
47.097992	-74.039757	827.239380	1.040844	1.520805	0.452951
45.849789	-76.628662	827.176758	0.640116	1.499193	0.857334
47.362198	-75.387215	827.248840	1.016645	1.521247	0.468311
44.589859	-74.438461	827.141907	1.040956	1.503921	0.452810
47.251312	-74.771614	827.258789	0.674329	1.528115	0.813825
44.848427	-73.347977	827.217163	1.272410	1.509987	0.217762
45.742714	-77.867592	827.043945	0.529373	1.485962	0.966281
45.746769	-77.887886	827.092102	0.527796	1.485857	0.967859
45.871811	-76.580032	827.163513	0.640992	1.499800	0.855082
47.181797	-76.572990	827.158630	0.640579	1.499957	0.855744
47.306404	-74.060020	827.247009	1.037398	1.520787	0.457410
45.998413	-74.058731	827.255737	1.036245	1.520712	0.455298
45.903538	-75.318741	827.230347	0.798804	1.511129	0.685809
46.052624	-74.078735	827.234436	1.025682	1.521168	0.467490
46.036079	-74.071770	827.253906	1.020597	1.521062	0.462407
45.692528	-75.110077	827.181396	0.811703	1.511090	0.682394
46.929218	-77.301468	827.151245	0.401881	1.499783	1.081836
44.577038	-77.151627	827.042847	0.724601	1.483381	0.769126
45.684196	-77.867722	827.050293	0.526405	1.485578	0.958916
46.032871	-74.071861	827.246094	1.032362	1.521027	0.462069
47.342796	-74.007072	827.291138	1.047030	1.521527	0.447764
46.120087	-74.532982	827.177612	1.047022	1.504833	0.438528
44.758255	-74.600502	827.156311	1.047234	1.503739	0.445566
47.177532	-74.781265	827.309937	0.686192	1.527487	0.798075
45.921673	-76.600372	827.163452	0.634037	1.500015	0.864092
45.864929	-76.609871	827.132263	0.635485	1.499392	0.858444
45.695477	-77.826614	827.044495	0.530463	1.486044	0.957102
47.158504	-77.926727	827.163757	0.636072	1.499273	0.857809
46.974224	-77.300255	827.173157	0.397903	1.500141	1.088161
44.825134	-74.647148	827.203674	1.038675	1.504298	0.457040
44.559242	-74.415306	825.215027	1.054377	1.503700	0.446430
47.203815	-74.795364	827.305847	0.688145	1.527589	0.806370
46.018906	-74.071167	827.251892	1.034389	1.520873	0.460353
46.060100	-75.000000	827.250000	1.000000	1.500000	0.450000

行 1, 列 1 58,283 个字符 100% Windows (CRLF) UTF-8

分别代表头中心点xyz值
还有头部坐标系旋转参数
具体参考孙喆的pdf



就是这个坐标