

brass、copper方位に関する極点図範囲の影響

LaboTexの場合

Brass,copperの完全極点図{111},{100},{110}を作成し、極点図の範囲がODF解析結果に及ぼす結果を確認した。

α 範囲	ODF	{111}	{100}	{110}	Rp(%)	DRp(%)	brass(%)	copper(%)	{111}a=0
0-90	28.49	4.238	3.672	4.187	0.26	0.42	9.70	9.80	0.8014
0-85	31.21	4.277	3.670	4.278	0.27	0.46	9.40	10.10	0.8146
0-80	29.44	4.255	3.653	4.187	0.28	0.54	9.60	9.90	0.8015
0-75	28.95	4.202	3.644	4.181	0.29	0.58	9.40	9.90	0.8112
0-70	31.56	4.172	3.625	4.186	0.29	0.50	9.30	9.90	0.7699
0-65	29.46	4.160	3.628	4.182	0.29	0.58	9.70	9.90	0.7636
0-60	30.89	4.232	3.623	4.200	0.40	0.81	9.30	10.60	0.7246
0-55	31.47	4.230	3.626	4.176	0.46	0.67	9.50	10.20	0.7413
0-50	28.68	4.158	3.640	4.176	0.56	0.81	9.70	10.00	0.9937
0-45	29.40	3.907	3.656	4.180	0.53	0.90	9.20	9.90	0.9372
0-40	30.07	3.718	3.662	4.135	0.66	1.18	9.40	9.90	0.8056
0-35	27.82	3.674	3.755	4.118	1.19	0.91	8.80	9.00	0.8205
0-30	23.05	3.397	2.857	4.121	0.96	1.46	5.20	7.80	0.8253

α 範囲を制限しても、十分な定量性が得られる。

ただし実測定データは、結晶粒の影響などからこれほど正確な測定は出来ない。

この解析は机上での話であるが、ADC法の利点を確認出来た。

入力ODFのMax密度は、28.88であり、ほぼ再現される。

Volume Fractionも、 α 範囲が確保されていれば入力データが再現出来る。

この解析はbrass,copperに対して行った結果であり、全ての方位に関する結果ではない。

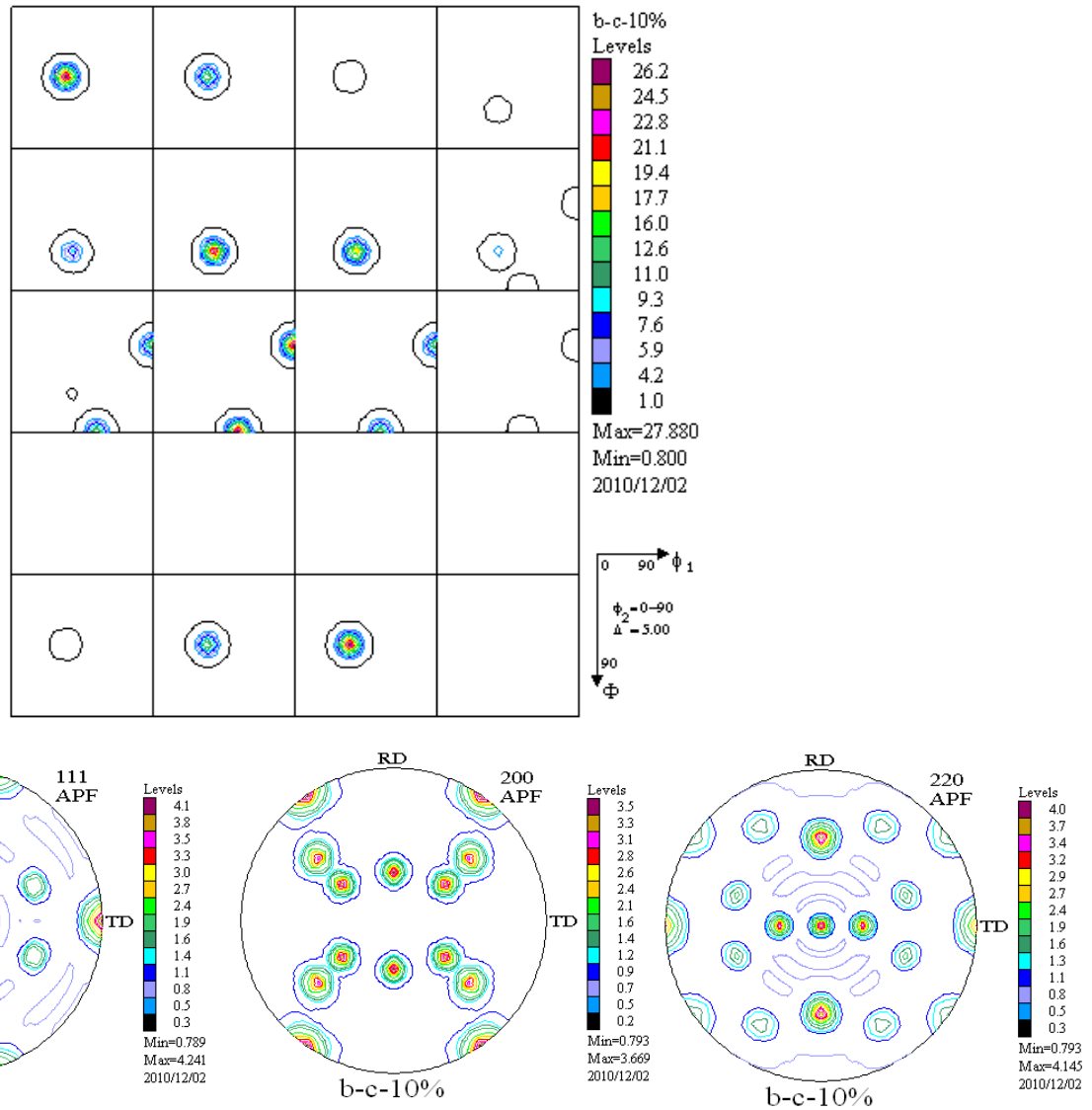
2010年12月02日

HeKperTex

方法、

LaboTexで結晶方位を作成、極点図をExportして、PFtoODFでLaboTexの入力制限を行い、LaboTexのODF解析結果を比較する。

LaboTexの結晶方位は、brass, copper 10%とする。その他が80%で、Minレベルに反映される。



	111-b-c-10%.TPF	3 KB	TPF ファイル	2010/12/02 8:24
	200-b-c-10%.TPF	3 KB	TPF ファイル	2010/12/02 8:24
	220-b-c-10%.TPF	3 KB	TPF ファイル	2010/12/02 8:25
	b-c-10%ODF-Export.TXT	275 KB	テキスト文書	2010/12/02 8:24

PFtoODF 3に入力するために、TXT 2フォーマットに変換

	111-b-c-10%.TPF	3 KB	TPF ファイル	2010/12/02 8:24
	200-b-c-10%.TPF	3 KB	TPF ファイル	2010/12/02 8:24
	220-b-c-10%.TPF	3 KB	TPF ファイル	2010/12/02 8:25
	200_50deg-rp2.TXT	22 KB	テキスト文書	2010/12/02 8:27
	111_50deg-rp2.TXT	23 KB	テキスト文書	2010/12/02 8:27
	220_50deg-rp2.TXT	23 KB	テキスト文書	2010/12/02 8:28

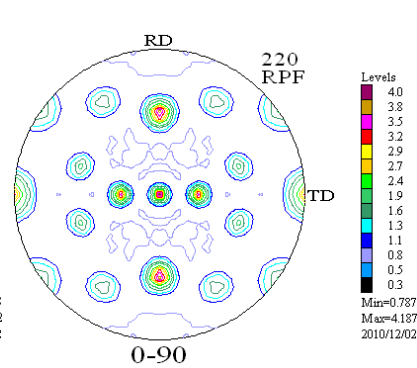
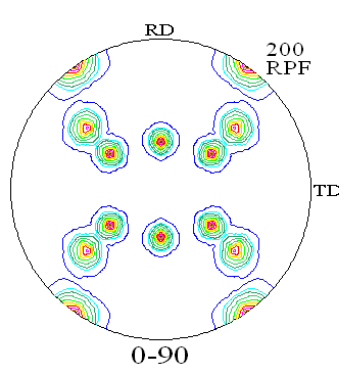
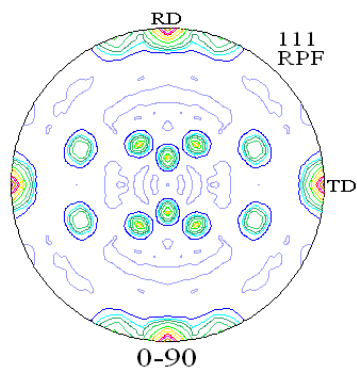
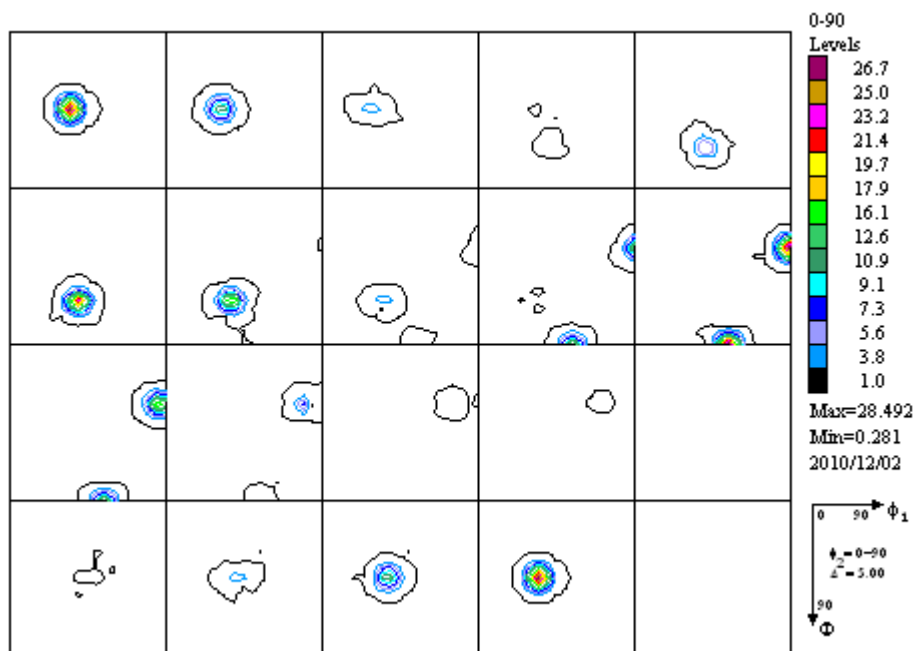
このTXT 2フォーマットデータは完全極点図である。

完全極点図をPF to ODF 3に読み込み、極点図の範囲制限しながらTextoolsの処理結果を評価

PF Data		h,k,l	2Theta	Alfa Area	AlfaS	AlfaE	Select
SelectFile(TXT(b,intens),TXT2(a,b,intens.))							
	111_50deg-rp2.TXT	1,1,1	00	00->900	00	900	<input checked="" type="checkbox"/>
	200_50deg-rp2.TXT	2,0,0	00	00->900	00	900	<input checked="" type="checkbox"/>
	220_50deg-rp2.TXT	2,2,0	00	00->900	00	900	<input checked="" type="checkbox"/>

Cycle	Iteration(Max. = 70)	Iteration (total)	Rp[%](Lim. = 0.10)	dRp[%](Lim. = 0.10)
3	68	208	0.26	0.44
3	69	209	0.26	0.43
3	70	210	0.26	0.42

Creation of pole figures files NPF and RPF



No	Texture Component	On	$\Delta\phi_1$	$\Delta\Phi$	$\Delta\phi_2$	Volume Fraction [%]
1	{ 1 1 0 } < 1 -1 2 > brass	<input checked="" type="checkbox"/>	10.0	10.0	10.0	9.29 %
2	{ 1 1 2 } < 1 1 -1 > copper	<input checked="" type="checkbox"/>	10.0	10.0	10.0	9.45 %
3	{ 1 0 1 } < 5 2 -5 >	<input type="checkbox"/>	10.0	10.0	10.0	%

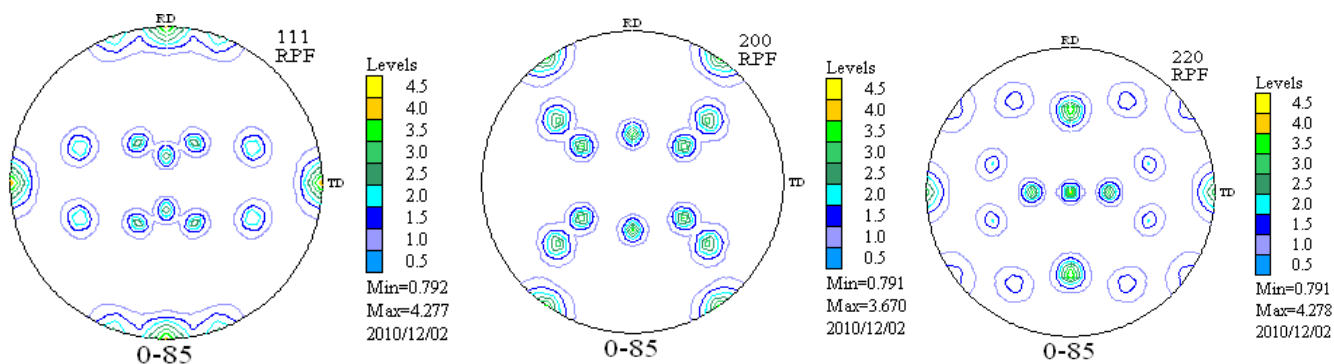
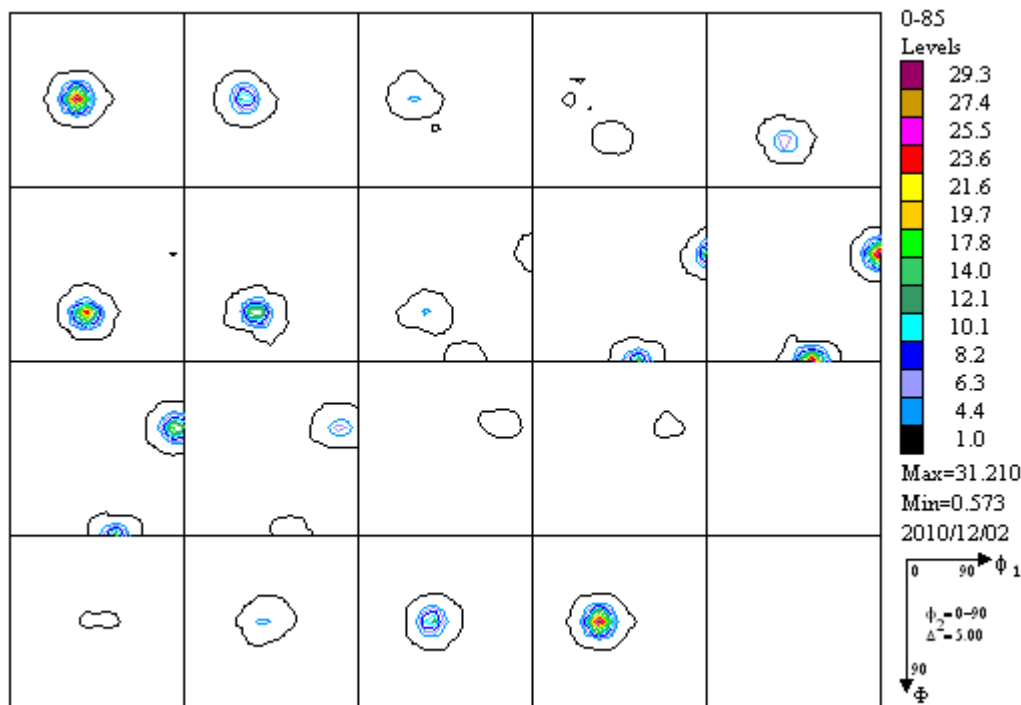
No.	VF(%)	Phi1(FWHM)	Phi(FWHM)	Phi2(FWHM)	Orientation
1:	9.7	10.1	9.5	9.8	{ 1 1 0 } < 1 -1 2 > brass
2:	9.8	11.6	9.3	10.7	{ 1 1 2 } < 1 1 -1 > copper
3:	80.46	Background Volume Fraction			

0-85の場合

PF Data		SelectFile(TXT(b,intens),TXT2(a,b,intens))	h,k,l	2Theta	Alfa Area	AlfaS	AlfaE	Select
	111_50deg-rp2.TXT		1,1,1	00	00->90.0	00	85	<input checked="" type="checkbox"/>
	200_50deg-rp2.TXT		2,0,0	00	00->90.0	00	85	<input checked="" type="checkbox"/>
	220_50deg-rp2.TXT		2,2,0	00	00->90.0	00	85	<input checked="" type="checkbox"/>

Cycle	Iteration(Max. = 70)	Iteration (total)	Rp[%](Lim. = 0.10)	dRp[%](Lim. = 0.10)
3	69	209	0.27	0.46
3	70	210	0.27	0.46

Creation of pole figures files NPF and RPF

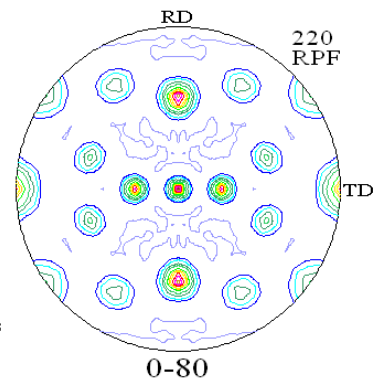
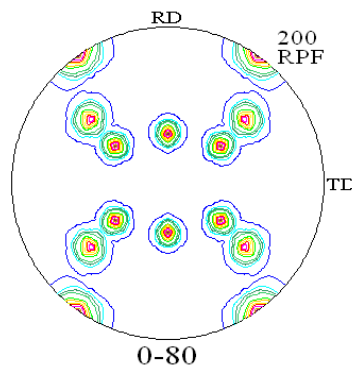
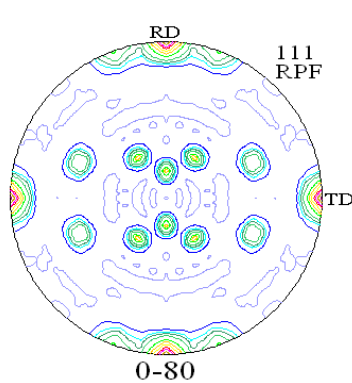
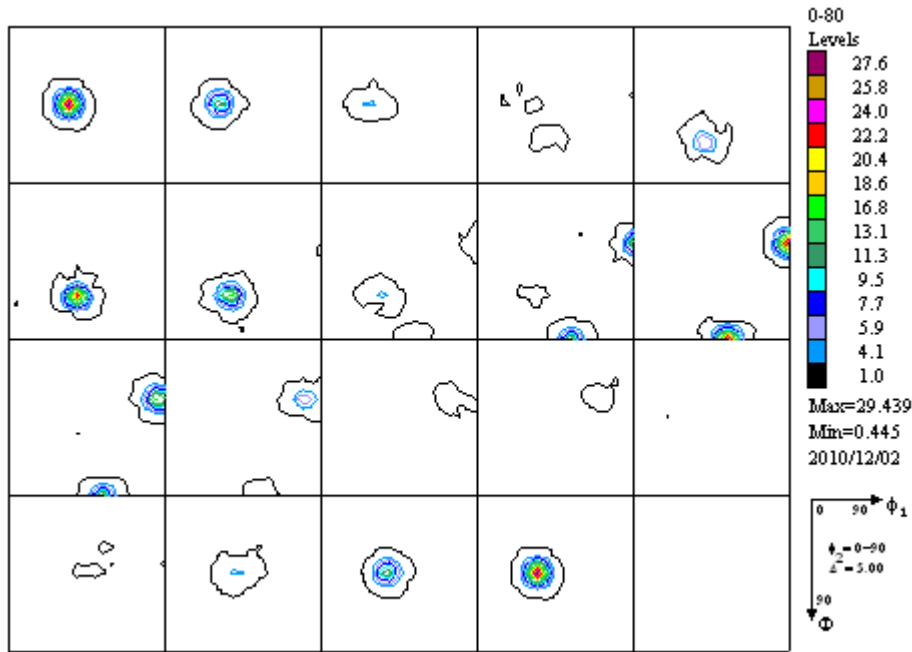


No	Texture Component	On	$\Delta\phi_1$	$\Delta\phi$	$\Delta\phi_2$	Volume Fraction [%]
1	{ 1 1 0 } < 1 -1 2 > brass	<input checked="" type="checkbox"/>	10.0	10.0	10.0	8.43 %
2	{ 1 1 2 } < 1 1 -1 > copper	<input checked="" type="checkbox"/>	10.0	10.0	10.0	8.56 %

No.	VF(%)	Phi1(FWHM)	Phi(FWHM)	Phi2(FWHM)	Orientation
1:	9.4	10.5	9.6	9.9	{ 1 1 0 } < 1 -1 2 > brass
2:	10.1	11.2	9.0	10.4	{ 1 1 2 } < 1 1 -1 > copper
3:	80.52	Background Volume Fraction			

SelectFile(TXT(b,intens),TXT2(a,b,intens))		h,k,l	2Theta	Alfa Area	AlfaS	AlfaE	Select
	111_5.0deg-rp2.TXT	1,1,1	0.0	0.0->90.0	0.0	80	<input checked="" type="checkbox"/>
	200_5.0deg-rp2.TXT	2,0,0	0.0	0.0->90.0	0.0	80	<input checked="" type="checkbox"/>
	220_5.0deg-rp2.TXT	2,2,0	0.0	0.0->90.0	0.0	80	<input checked="" type="checkbox"/>

Cycle	Iteration(Max. = 70)	Iteration (total)	Rp%(Lim. = 0.10)	dRp%(Lim. = 0.10)
3	69	209	0.28	0.54
3	70	210	0.28	0.54



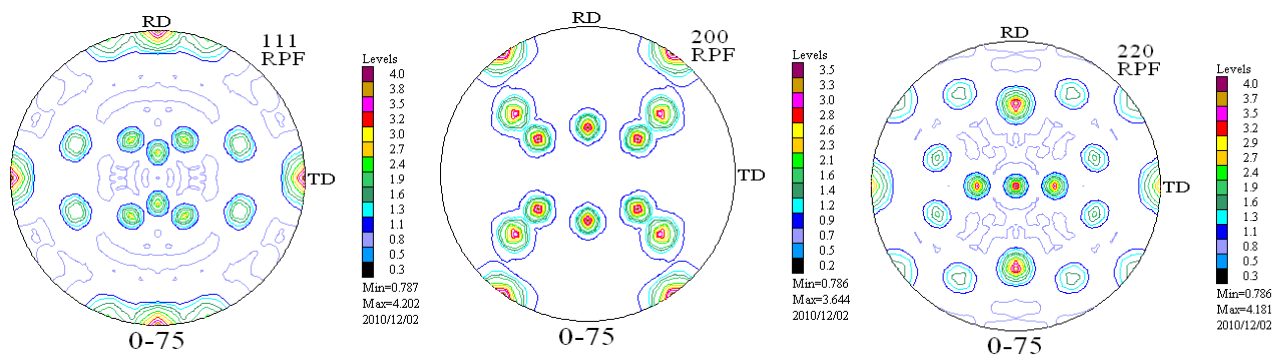
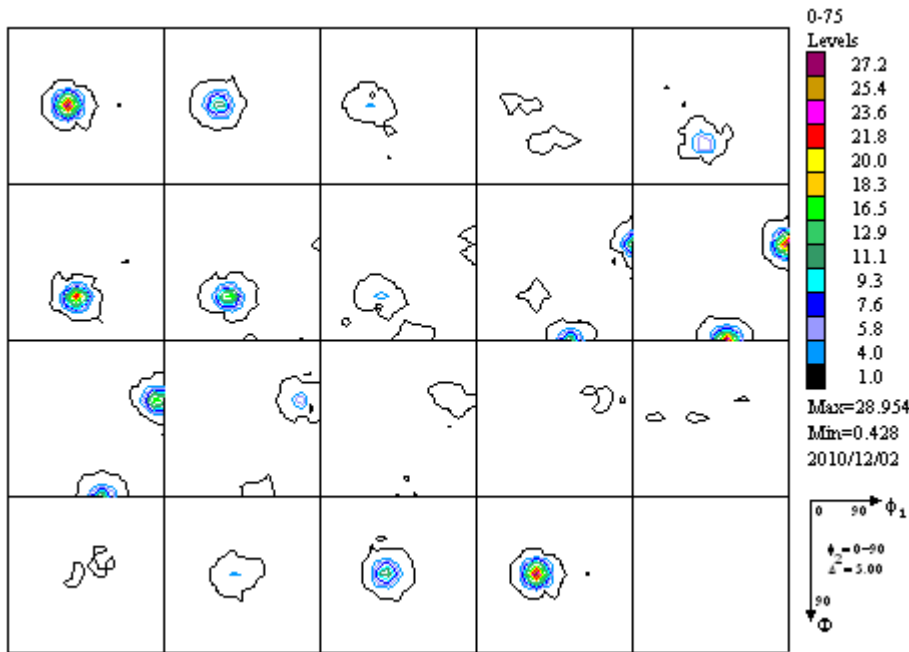
No	Texture Component	On	$\Delta\phi_1$	$\Delta\phi$	$\Delta\phi_2$	Volume Fraction [%]
1	{ 1 1 0 } < 1 -1 2 > brass	<input checked="" type="checkbox"/>	10.0	10.0	10.0	8.93 %
2	{ 1 1 2 } < 1 1 -1 > copper	<input checked="" type="checkbox"/>	10.0	10.0	10.0	8.99 %

No.	VF(%)	Phi1(FWHM)	Phi(FWHM)	Phi2(FWHM)	Orientation
1:	9.6	10.6	9.7	9.9	{ 1 1 0 } < 1 -1 2 > brass
2:	9.9	11.2	9.1	10.4	{ 1 1 2 } < 1 1 -1 > copper
3:	80.56	Background Volume Fraction			

PF Data		h,k,l	2Theta	Alfa Area	AlfaS	AlfaE	Select
	SelectFile(TXT(b,intens),TXT2(a,b,intens))						
	111_50deg-rp2.TXT	1,1,1	0.0	0.0->90.0	0.0	75	<input checked="" type="checkbox"/>
	200_50deg-rp2.TXT	2,0,0	0.0	0.0->90.0	0.0	75	<input checked="" type="checkbox"/>
	220_50deg-rp2.TXT	2,2,0	0.0	0.0->90.0	0.0	75	<input checked="" type="checkbox"/>

Cycle	Iteration(Max. = 70)	Iteration (total)	Rp%(Lim. = 0.10)	dRp%(Lim. = 0.10)
3	69	209	0.29	0.59
3	70	210	0.29	0.58

Creation of pole figures files NPF and RPF
Creation of orientation distribution file ODF



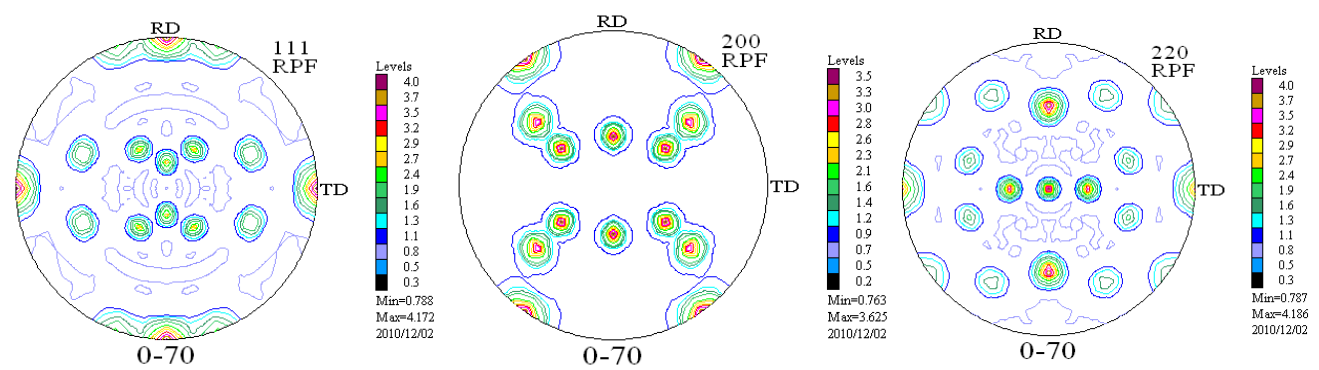
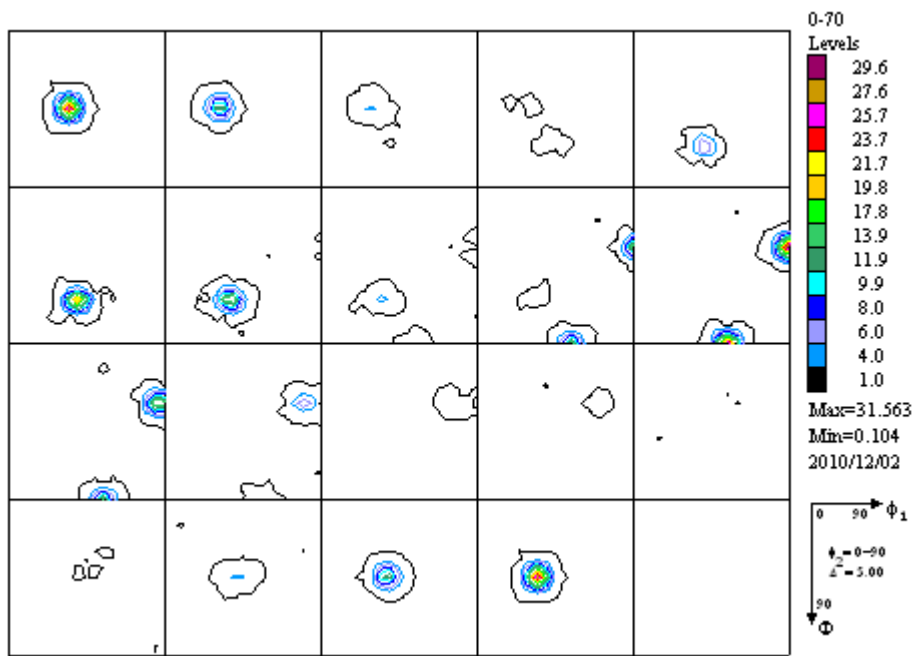
No	Texture Component	On	$\Delta\phi_1$	$\Delta\phi_2$	$\Delta\phi_3$	Volume Fraction [%]
1	{ 1 1 0 } < 1 -1 2 > brass	<input checked="" type="checkbox"/>	10.0	10.0	10.0	8.97 %
2	{ 1 1 2 } < 1 1 -1 > copper	<input checked="" type="checkbox"/>	10.0	10.0	10.0	9.05 %

No.	VF(%)	Phi1(FWHM)	Phi(FWHM)	Phi2(FWHM)	Orientation
1:	9.4	10.3	9.7	9.7	{ 1 1 0 } < 1 -1 2 > brass
2:	9.9	11.1	9.2	10.1	{ 1 1 2 } < 1 1 -1 > copper
3:	80.73	Background Volume Fraction			

PF Data		SelectFile(TXT(b,intens),TXT2(a,b,intens))	h,k,l	2Theta	Alfa Area	AlfaS	AlfaE	Select
	111_5.0deg-rp2.TXT		1,1,1	0.0	0.0->90.0	0.0	70	<input checked="" type="checkbox"/>
	200_5.0deg-rp2.TXT		2,0,0	0.0	0.0->90.0	0.0	70	<input checked="" type="checkbox"/>
	220_5.0deg-rp2.TXT		2,2,0	0.0	0.0->90.0	0.0	70	<input checked="" type="checkbox"/>

Cycle	Iteration(Max. = 70)	Iteration (total)	Rp%(Lim. = 0.10)	dRp%(Lim. = 0.10)
3	68	208	0.29	0.52
3	69	209	0.29	0.52
3	70	210	0.29	0.50

Creation of pole figures files MPF and RPF



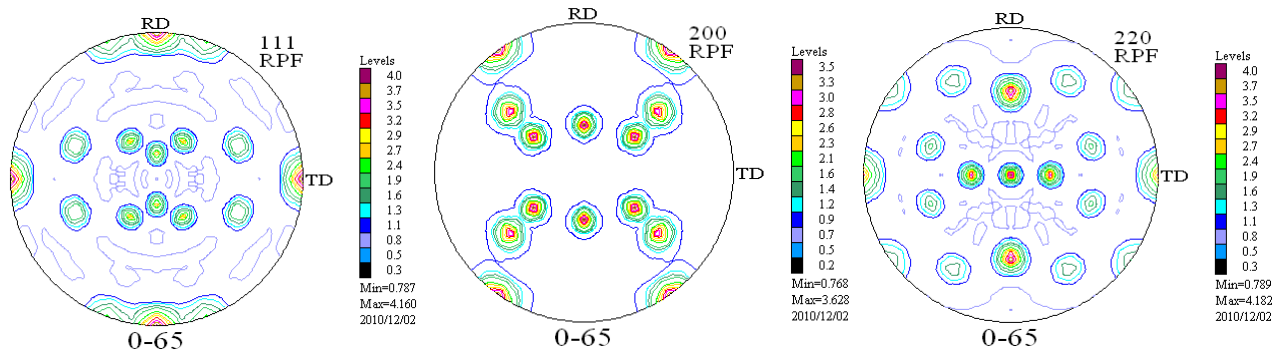
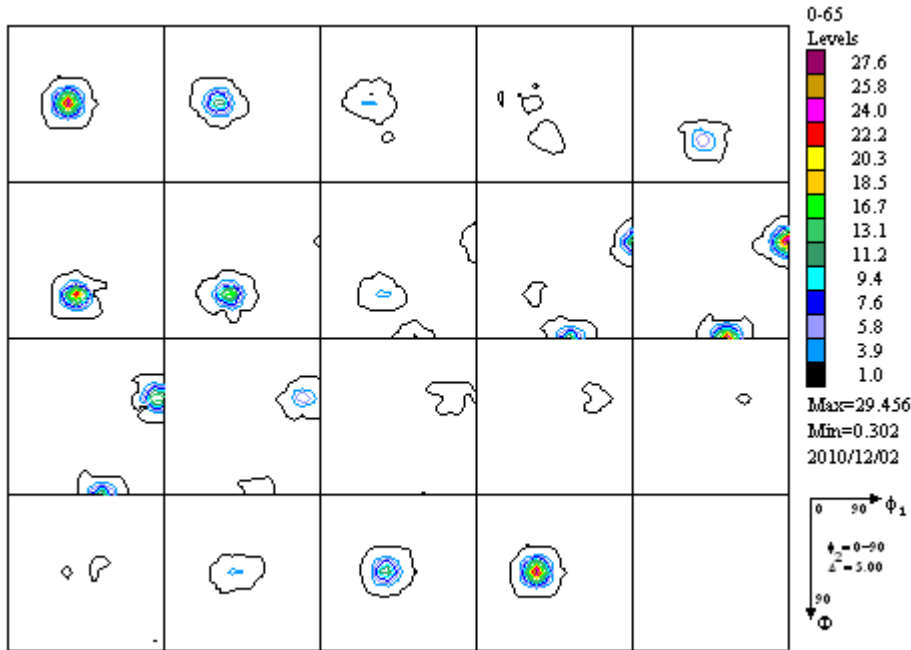
No	Texture Component	On	$\Delta\phi_1$	$\Delta\phi$	$\Delta\phi_2$	Volume Fraction [%]
1	{ 1 1 0 } < 1 -1 2 > brass	<input checked="" type="checkbox"/>	10.0	10.0	10.0	9.65 %
2	{ 1 1 2 } < 1 1 -1 > copper	<input checked="" type="checkbox"/>	10.0	10.0	10.0	9.89 %

No.	VF(%)	Phi1(FWHM)	Phi(FWHM)	Phi2(FWHM)	Orientation
1:	9.3	10.4	9.6	9.7	{ 1 1 0 } < 1 -1 2 > brass
2:	9.9	11.0	9.0	10.4	{ 1 1 2 } < 1 1 -1 > copper
3:	80.78	Background Volume Fraction			

PF Data		SelectFile(TXT(b,intens),TXT2(a,b,intens))	h,k,l	2Theta	Alfa Area	AlfaS	AlfaE	Select
	111_50deg-rp2.TXT		1,1,1	00	0.0->90.0	0.0	65	<input checked="" type="checkbox"/>
	200_50deg-rp2.TXT		2,0,0	00	0.0->90.0	0.0	65	<input checked="" type="checkbox"/>
	220_50deg-rp2.TXT		2,2,0	00	0.0->90.0	0.0	65	<input checked="" type="checkbox"/>

Cycle	Iteration(Max. = 70)	Iteration (total)	Rp[%](Lim. = 0.10)	dRp[%](Lim. = 0.10)
3	69	209	0.29	0.58
3	70	210	0.28	0.57

Creation of pole figures files NPF and RPF
Creation of orientation distribution file ODF



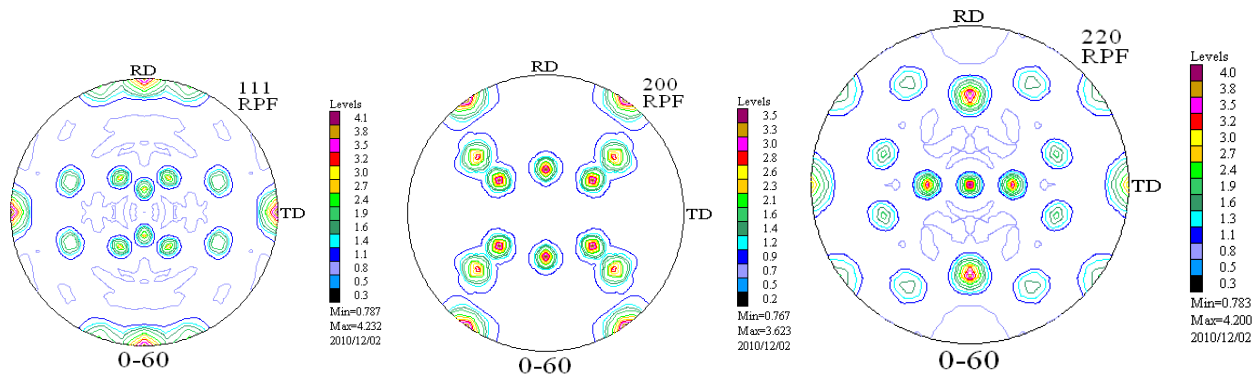
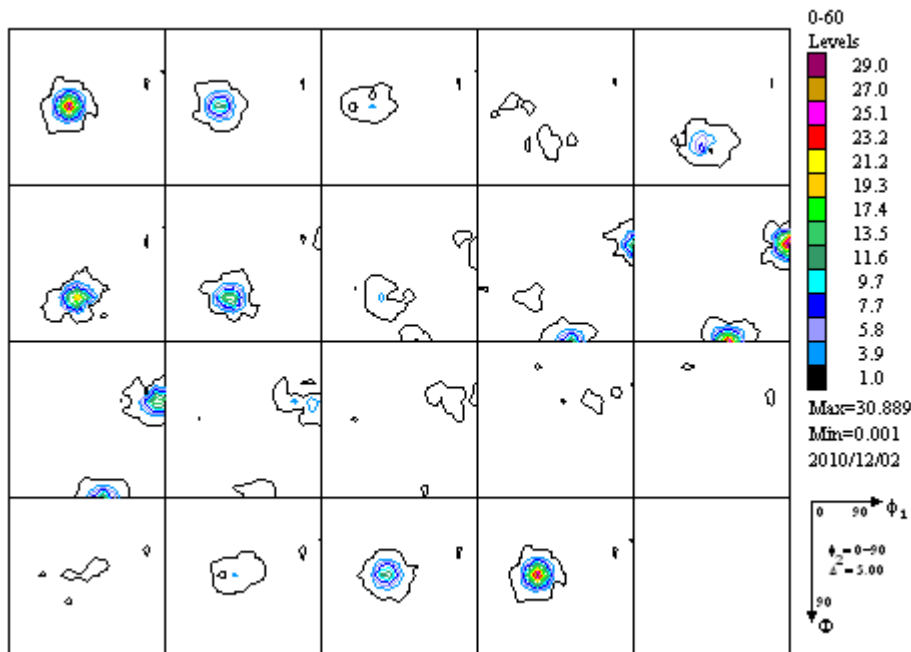
No	Texture Component	On	ΔP_1	$\Delta \Phi$	ΔP_2	Volume Fraction [%]
1	{ 1 1 0 } < 1 -1 2 > brass	<input checked="" type="checkbox"/>	10.0	10.0	10.0	9.22 %
2	{ 1 1 2 } < 1 1 -1 > copper	<input checked="" type="checkbox"/>	10.0	10.0	10.0	9.38 %

No.	VF(%)	Phi1(FWHM)	Phi(FWHM)	Phi2(FWHM)	Orientation
1:	9.7	10.7	9.8	9.9	{ 1 1 0 } < 1 -1 2 > brass
2:	9.9	11.4	9.1	10.1	{ 1 1 2 } < 1 1 -1 > copper
3:	80.44	Background Volume Fraction			

PF Data		SelectFile(TXT(b,intens),TXT2(a,b,intens.))	h,k,l	2Theta	Alfa Area	AlfaS	AlfaE	Select
	111_5.0deg-rp2.TXT		1,1,1	0.0	0.0->90.0	0.0	60	<input checked="" type="checkbox"/>
	200_5.0deg-rp2.TXT		2,0,0	0.0	0.0->90.0	0.0	60	<input checked="" type="checkbox"/>
	220_5.0deg-rp2.TXT		2,2,0	0.0	0.0->90.0	0.0	60	<input checked="" type="checkbox"/>

Cycle	Iteration(Max. = 70)	Iteration (total)	Rp[%](Lim. = 0.10)	dRp[%](Lim. = 0.10)
3	69	209	0.40	0.83
3	70	210	0.40	0.81

Creation of pole figures files NPF and RPF
Creation of orientation distribution file ODF



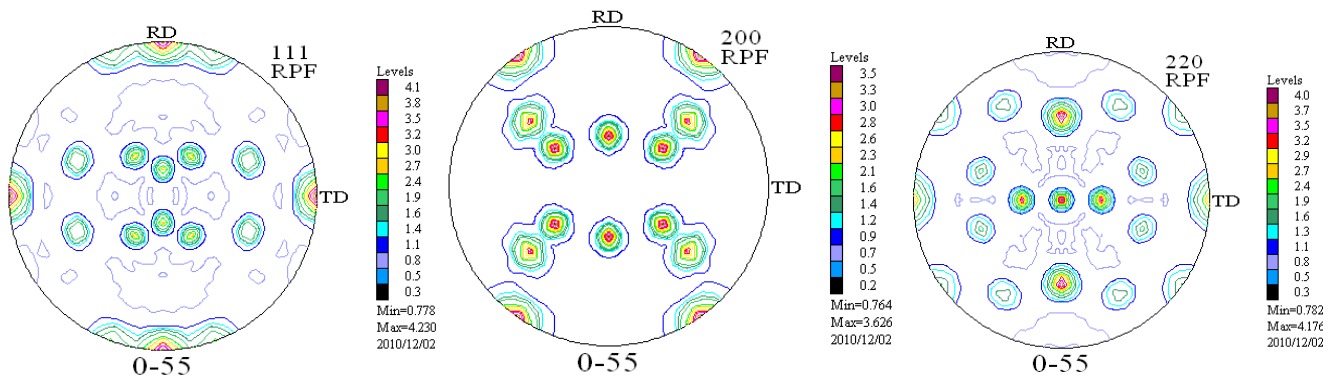
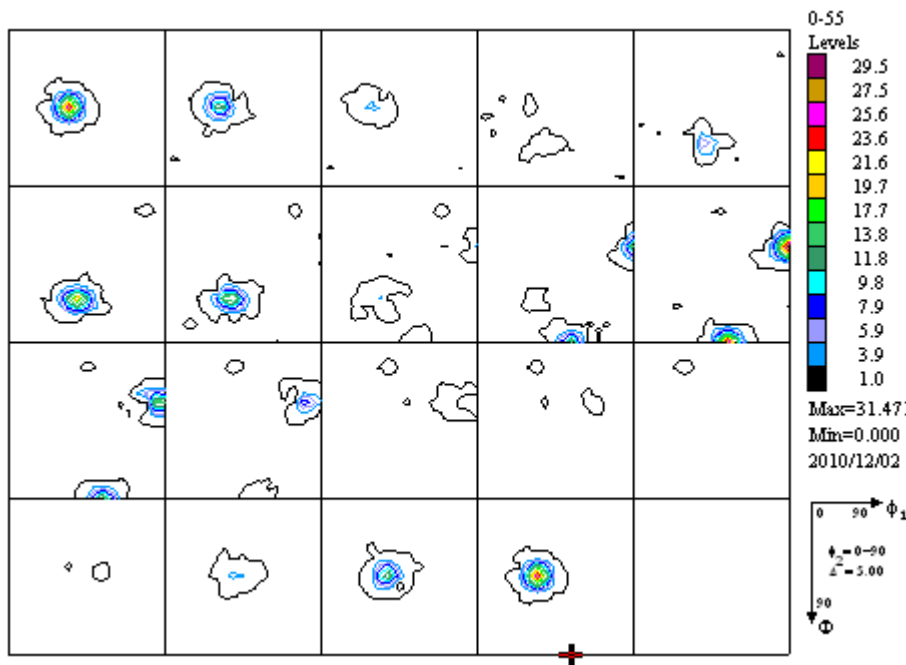
No	Texture Component	On	ΔP_1	$\Delta \Phi$	ΔP_2	Volume Fraction [%]
1	{ 1 1 0 } < 1 -1 2 > brass	<input checked="" type="checkbox"/>	10.0	10.0	10.0	9.93 %
2	{ 1 1 2 } < 1 1 -1 > copper	<input checked="" type="checkbox"/>	10.0	10.0	10.0	10.19 %

No.	VF(%)	Phi1(FWHM)	Phi(FWHM)	Phi2(FWHM)	Orientation
1:	9.3	10.2	9.7	9.3	{ 1 1 0 } < 1 -1 2 > brass
2:	10.6	12.3	9.6	10.5	{ 1 1 2 } < 1 1 -1 > copper
3:	80.11	Background Volume Fraction			

PF Data		SelectFile(TXT(b,intens),TXT2(a,b,intens.))	h,k,l	2Theta	Alfa Area	AlfaS	AlfaE	Select
	111_50deg-rp2.TXT	1,1,1	0.0	0.0->90.0	0.0	55	<input checked="" type="checkbox"/>	
	200_50deg-rp2.TXT	2,0,0	0.0	0.0->90.0	0.0	55	<input checked="" type="checkbox"/>	
	220_50deg-rp2.TXT	2,2,0	0.0	0.0->90.0	0.0	55	<input checked="" type="checkbox"/>	

Cycle	Iteration(Max. = 70)	Iteration (total)	Rp%](Lim. = 0.10)	dRp%](Lim. = 0.10)
3	68	208	0.47	0.68
3	69	209	0.46	0.68
3	70	210	0.46	0.67

Creation of pole figures files NPF and RPF

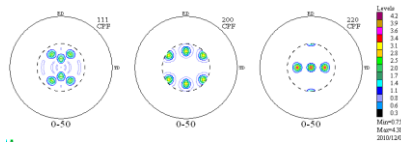


No	Texture Component	On	$\Delta\phi_1$	$\Delta\phi$	$\Delta\phi_2$	Volume Fraction [%]
1	{ 1 1 0 } < 1 -1 2 > brass	<input checked="" type="checkbox"/>	10.0	10.0	10.0	9.80 %
2	{ 1 1 2 } < 1 1 -1 > copper	<input checked="" type="checkbox"/>	10.0	10.0	10.0	9.83 %
3	{ 2 2 2 } < 1 2 1 >	<input type="checkbox"/>	10.0	10.0	10.0	%

No.	VF(%)	Phi1(FWHM)	Phi(FWHM)	Phi2(FWHM)	Orientation
1:	95	10.7	9.6	9.7	{ 1 1 0 } < 1 -1 2 > brass
2:	10.2	12.3	9.3	10.5	{ 1 1 2 } < 1 1 -1 > copper
3:	80.22	Background Volume Fraction			

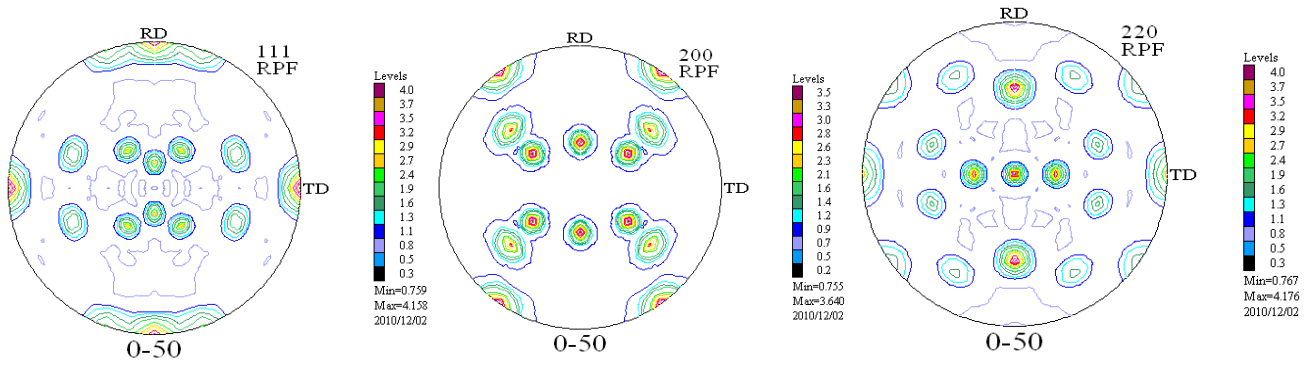
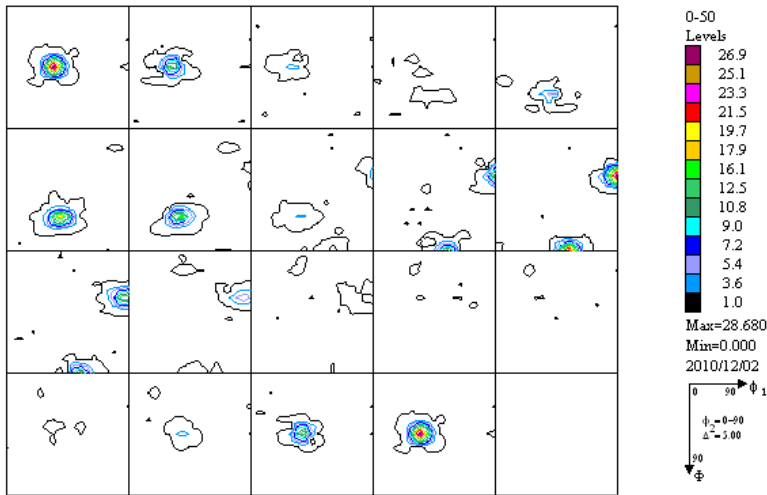
PF Data

SelectFile(TXT(b,intens),TXT2(a,b,intens.))	h,k,l	2Theta	Alfa Area	AlfaS	AlfaE	Select
111_5.0deg-rp2.TXT	1,1,1	0.0	0.0->90.0	0.0	50	<input checked="" type="checkbox"/>
200_5.0deg-rp2.TXT	2,0,0	0.0	0.0->90.0	0.0	50	<input checked="" type="checkbox"/>
220_5.0deg-rp2.TXT	2,2,0	0.0	0.0->90.0	0.0	50	<input checked="" type="checkbox"/>



Cycle	Iteration(Max. = 70)	Iteration (total)	Rp[%](Lim. = 0.10)	dRp[%](Lim. = 0.10)
3	68	208	0.57	0.83
3	69	209	0.56	0.82
3	70	210	0.56	0.81

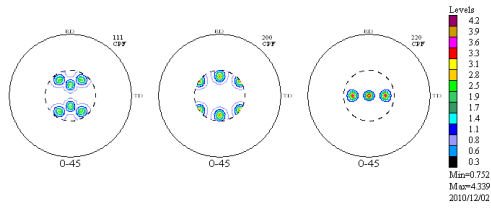
Creation of pole figures files NPF and RPF



No	Texture Component	On	$\Delta\phi_1$	$\Delta\phi_2$	$\Delta\phi_3$	Volume Fraction [%]
1	{ 1 1 0 } < 1 -1 2 > brass	<input checked="" type="checkbox"/>	10.0	10.0	10.0	9.74 %
2	{ 1 1 2 } < 1 1 -1 > copper	<input checked="" type="checkbox"/>	10.0	10.0	10.0	9.66 %

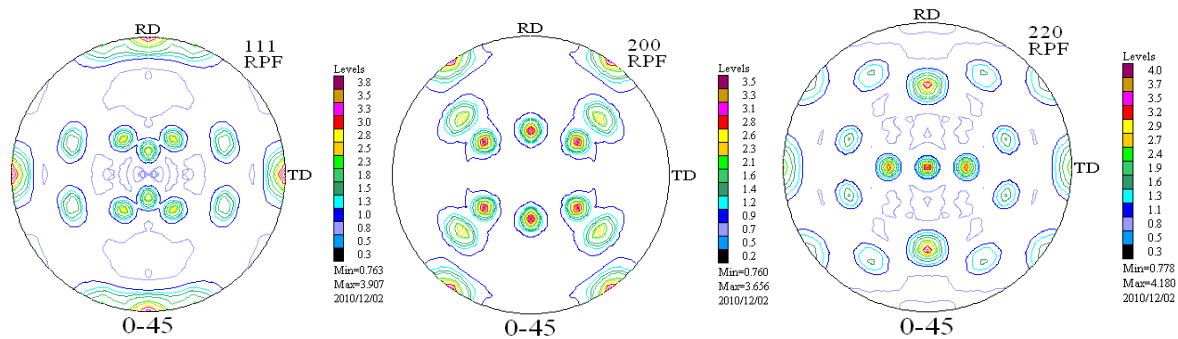
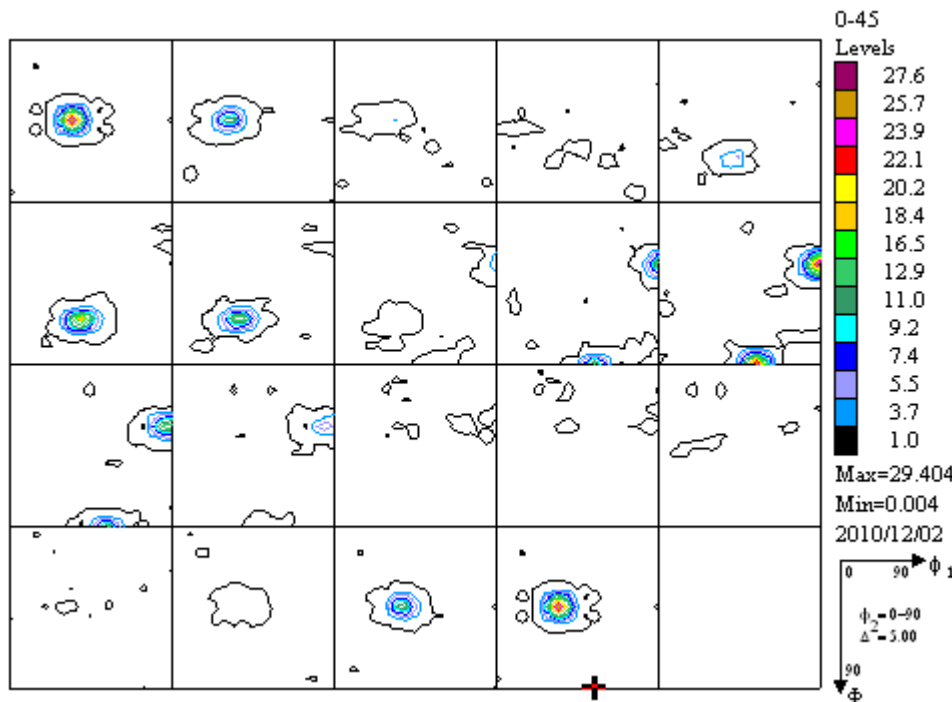
No.	VF(%)	Phi1(FWHM)	Phi(FWHM)	Phi2(FWHM)	Orientation
1:	9.7	11.4	9.6	9.8	{ 1 1 0 } < 1 -1 2 > brass
2:	10.0	13.9	8.8	9.9	{ 1 1 2 } < 1 1 -1 > copper
3:	80.34	Background Volume Fraction			

PF Data		SelectFile(TXT(b,intens),TXT2(a,b,intens.))	h,k,l	2Theta	Alfa Area	AlfaS	AlfaE	Select
	111_5.0deg-rp2.TXT	1,1,1	00	00->90.0	0.0	45	<input checked="" type="checkbox"/>	
	200_5.0deg-rp2.TXT	2,0,0	00	00->90.0	0.0	45	<input checked="" type="checkbox"/>	
	220_5.0deg-rp2.TXT	2,2,0	00	00->90.0	0.0	45	<input checked="" type="checkbox"/>	



Cycle	Iteration(Max. = 70)	Iteration (total)	Rp%(Lim. = 0.10)	dRp%(Lim. = 0.10)
3	68	208	0.54	0.93
3	69	209	0.54	0.91
3	70	210	0.53	0.90

Creation of pole figures files NPF and RPF

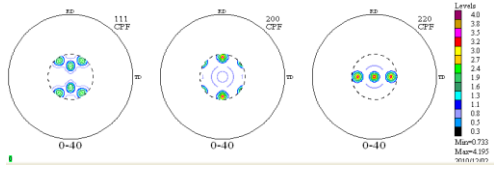


No	Texture Component	On	ΔP_1	$\Delta \Phi$	ΔP_2	Volume Fraction [%]
1	{ 1 1 0 } < 1 -1 2 > brass	<input checked="" type="checkbox"/>	10.0	10.0	10.0	9.40 %
2	{ 1 1 2 } < 1 1 -1 > copper	<input checked="" type="checkbox"/>	10.0	10.0	10.0	9.46 %

No.	VF(%)	Phi1(FWHM)	Phi(FWHM)	Phi2(FWHM)	Orientation
1:	92	12.1	92	9.7	{ 1 1 0 } < 1 -1 2 > brass
2:	99	14.7	8.6	10.0	{ 1 1 2 } < 1 1 -1 > copper
3:	80.94	Background Volume Fraction			

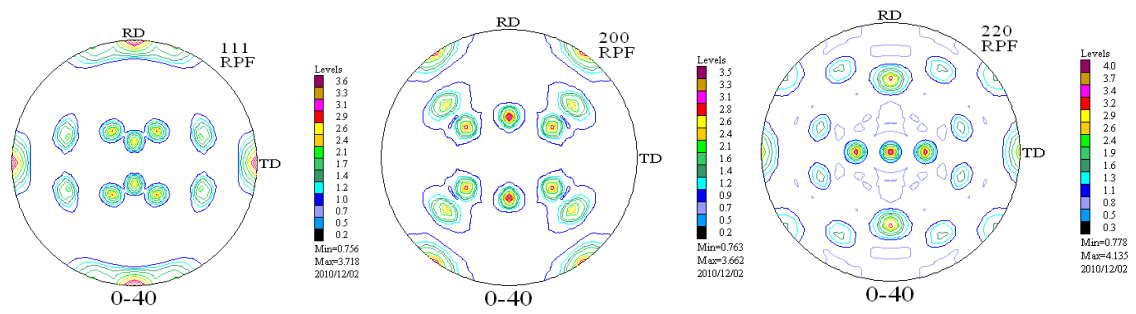
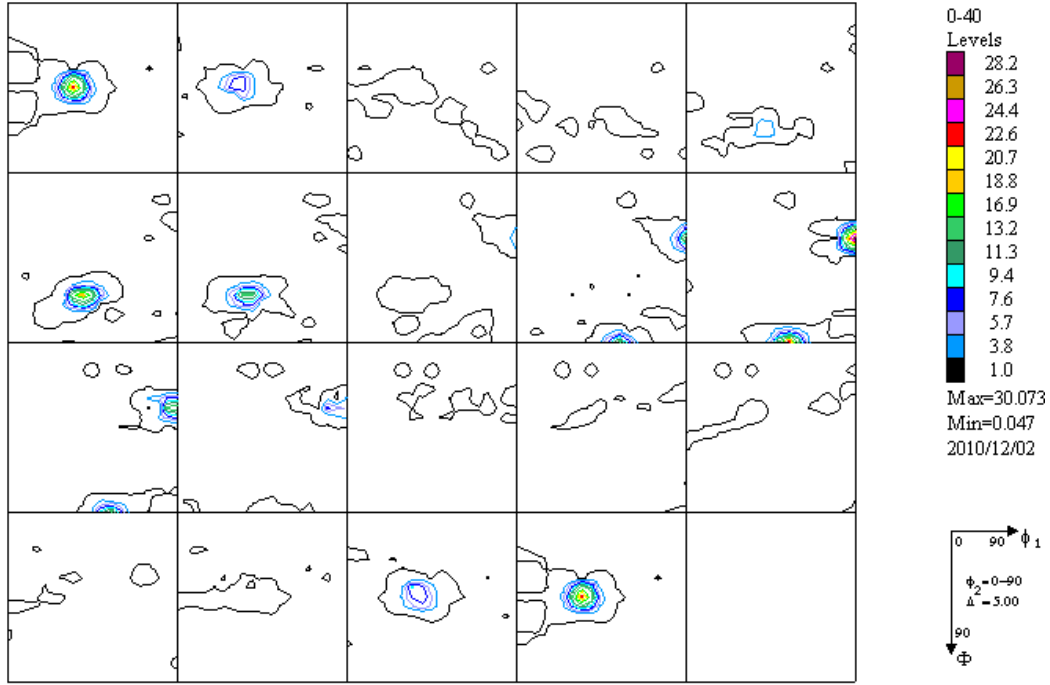
PF Data

SelectFile(TXT(b,intens),TXT2(a,b,intens))	h,k,l	2Theta	Alfa Area	AlfaS	AlfaE	Select
111_5.0deg-rp2.TXT	1,1,1	0.0	0.0->90.0	0.0	40	<input checked="" type="checkbox"/>
200_5.0deg-rp2.TXT	2,0,0	0.0	0.0->90.0	0.0	40	<input checked="" type="checkbox"/>
220_5.0deg-rp2.TXT	2,2,0	0.0	0.0->90.0	0.0	40	<input checked="" type="checkbox"/>



Cycle	Iteration(Max. = 70)	Iteration (total)	Rp[%](Lim. = 0.10)	dRp[%](Lim. = 0.10)
3	68	188	0.67	1.22
3	69	189	0.67	1.19
3	70	190	0.66	1.18

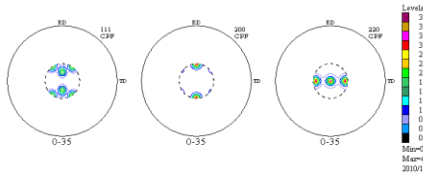
Creation of pole figures files NPF and RPF



No	Texture Component	On	$\Delta\phi_1$	$\Delta\Phi$	$\Delta\phi_2$	Volume Fraction [%]
1	{ 1 1 0 } < 1 -1 2 > brass	<input checked="" type="checkbox"/>	10.0	10.0	10.0	9.00 %
2	{ 1 1 2 } < 1 1 -1 > copper	<input checked="" type="checkbox"/>	10.0	10.0	10.0	9.18 %

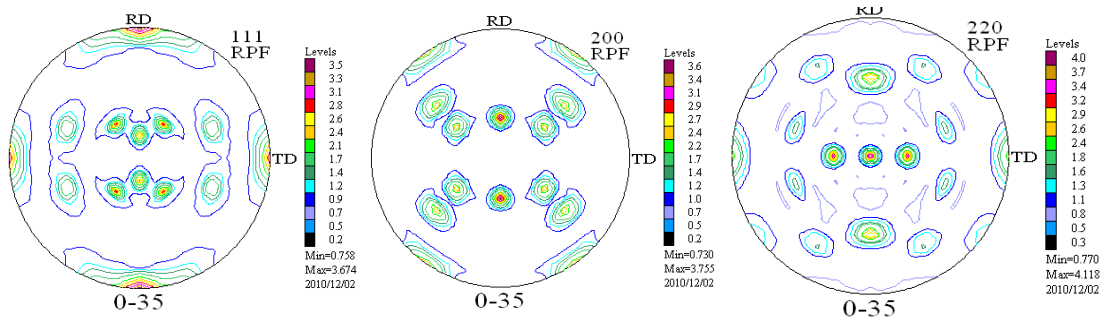
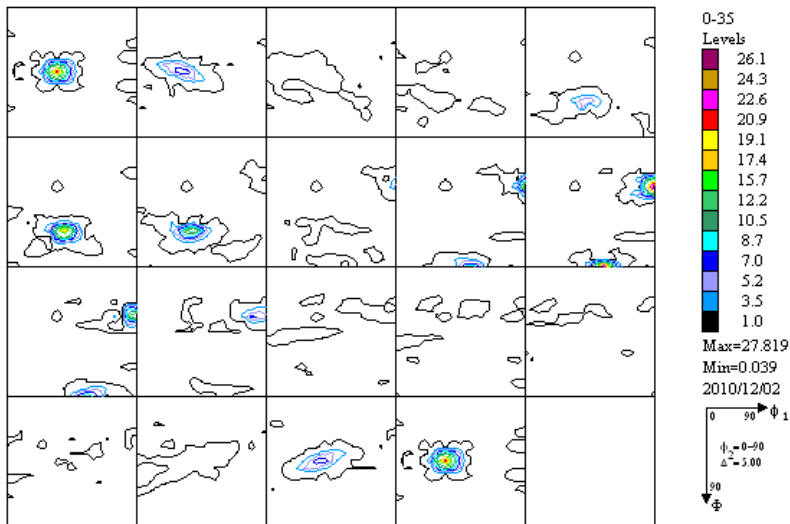
No.	VF(%)	Phi1(FWHM)	Phi(FWHM)	Phi2(FWHM)	Orientation
1:	94	134	9.1	95	{ 1 1 0 } < 1 -1 2 > brass
2:	99	150	8.2	100	{ 1 1 2 } < 1 1 -1 > copper
3:	80.68	Background Volume Fraction			

PF Data		SelectFile(TXT(b,intens),TXT2(a,b,intens))	h,k,l	2Theta	Alfa Area	AlfaS	AlfaE	Select
	111_50deg-rp2.TXT	1,1,1	0.0	0.0->90.0	0.0	35	<input checked="" type="checkbox"/>	
	200_50deg-rp2.TXT	2,0,0	0.0	0.0->90.0	0.0	35	<input checked="" type="checkbox"/>	
	220_50deg-rp2.TXT	2,2,0	0.0	0.0->90.0	0.0	35	<input checked="" type="checkbox"/>	



Cycle	Iteration(Max. = 70)	Iteration (total)	Rp%[(Lim. = 0.10)]	dRp%[(Lim. = 0.10)]
3	68	208	1.18	0.95
3	69	209	1.17	0.93
3	70	210	1.16	0.91

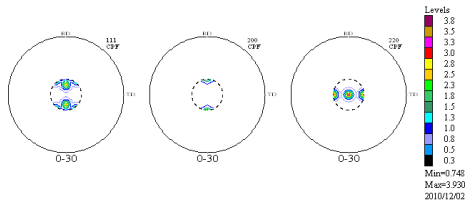
Creation of pole figures files NPF and RPF



No	Texture Component	On	ΔP_1	$\Delta \Phi$	ΔP_2	Volume Fraction [%]
1	{ 1 1 0 } < 1 -1 2 > brass	<input checked="" type="checkbox"/>	10.0	10.0	10.0	7.85 %
2	{ 1 1 2 } < 1 1 -1 > copper	<input checked="" type="checkbox"/>	10.0	10.0	10.0	8.69 %

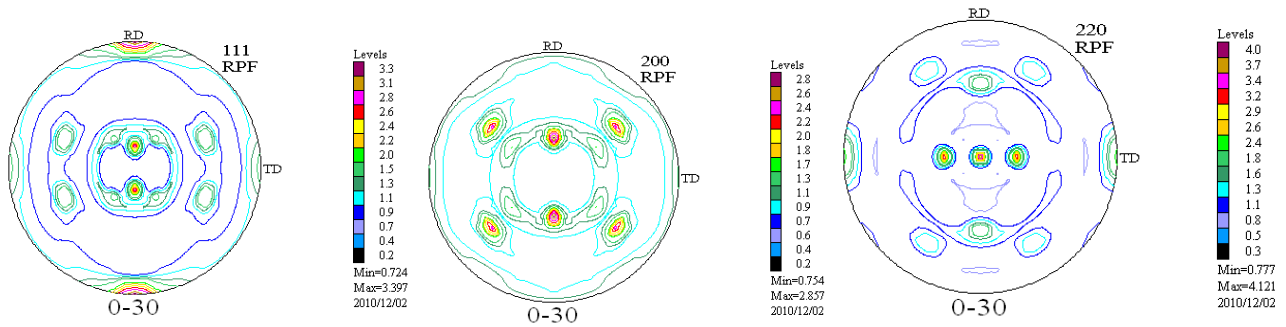
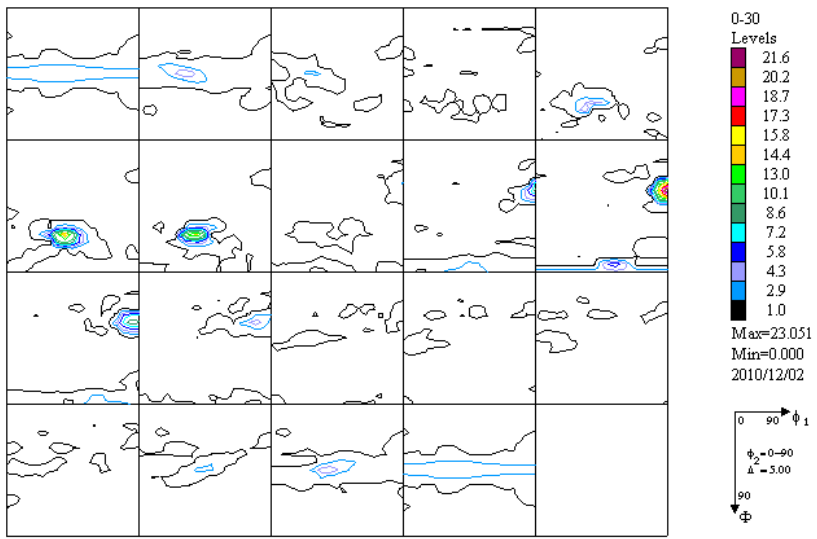
No.	VF(%)	Phi1(FWHM)	Phi(FWHM)	Phi2(FWHM)	Orientation
1:	89	14.3	9.4	89	{ 1 1 0 } < 1 -1 2 > brass
2:	90	15.2	8.2	88	{ 1 1 2 } < 1 1 -1 > copper
3:	82.11	Background Volume Fraction			

PF Data		SelectFile(TXT(b,intens),TXT2(a,b,intens.))	h,k,l	2Theta	Alfa Area	AlfaS	AlfaE	Select
	111_50deg-rp2.TXT		1,1,1	0,0	0,0->90,0	0,0	30	<input checked="" type="checkbox"/>
	200_50deg-rp2.TXT		2,0,0	0,0	0,0->90,0	0,0	30	<input checked="" type="checkbox"/>
	220_50deg-rp2.TXT		2,2,0	0,0	0,0->90,0	0,0	30	<input checked="" type="checkbox"/>



Cycle	Iteration(Max. = 70)	Iteration (total)	Rp[%](Lim. = 0.10)	dRp[%](Lim. = 0.10)
3	68	208	0.99	1.50
3	69	209	0.98	1.47
3	70	210	0.96	1.46

Creation of pole figures files NPF and RPF
Creation of orientation distribution file ODF



No	Texture Component	On	$\Delta\phi_1$	$\Delta\phi$	$\Delta\phi_2$	Volume Fraction [%]
1	{ 1 1 2 } < 1 1 -1 > copper	<input checked="" type="checkbox"/>	10.0	10.0	10.0	8.45 %
2	{ 1 1 0 } < 0 0 1 > goss	<input checked="" type="checkbox"/>	10.0	10.0	10.0	3.15 %
3	{ 1 0 1 } < 5 2 -5 >	<input checked="" type="checkbox"/>	10.0	10.0	10.0	3.11 %
4	{ 1 1 0 } < 1 -1 2 > brass	<input checked="" type="checkbox"/>	10.0	10.0	10.0	4.88 %
5	{ 1 1 0 } < 1 -1 1 >	<input checked="" type="checkbox"/>	10.0	10.0	10.0	3.65 %
6	{ 5 2 5 } < 1 -5 1 >	<input checked="" type="checkbox"/>	10.0	10.0	10.0	2.73 %
7	{ 0.00, 35.26, 89.00 } CURSOR !!	<input type="checkbox"/>	10.0	10.0	10.0	%

