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"pos": [

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"x": 68,

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"figure": [

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"w": 305,

"x": 378,

"h": 123,

"y": 908,

"box": {

"w": 0,

"x": 0,

"h": 0,

"y": 0,

"angle": -90

},

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"points": [

{

"x": 378,

"y": 908

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{

"x": 683,

"y": 908

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{

"x": 683,

"y": 1031

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{

"x": 378,

"y": 1031

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]

},

{

"w": 114,

"x": 104,

"h": 54,

"y": 206,

"box": {

"w": 0,

"x": 0,

"h": 0,

"y": 0,

"angle": -90

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"type": "subject\_big\_bracket",

"points": [

{

"x": 104,

"y": 206

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{

"x": 218,

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"x": 218,

"y": 260

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"x": 104,

"y": 260

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{

"w": 0,

"x": 0,

"h": 0,

"y": 0,

"box": {

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"x": 513,

"h": 862,

"y": 983,

"angle": -90

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"type": "subject\_question",

"points": [

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"x": 82,

"y": 892

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{

"x": 945,

"y": 892

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"y": 1073

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{

"x": 82,

"y": 1073

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]

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"w": 0,

"x": 0,

"h": 0,

"y": 0,

"box": {

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"x": 506,

"h": 874,

"y": 544,

"angle": -90

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"type": "subject\_question",

"points": [

{

"x": 70,

"y": 500

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{

"x": 944,

"y": 500

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{

"x": 944,

"y": 587

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{

"x": 70,

"y": 587

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]

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"y": 528

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"y": 588

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{

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"y": 893

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"y": 893

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"y": 870

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"y": 140

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"x": 96,

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"y": 320

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"y": 129

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"x": 261,

"y": 106

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{

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"x": 66,

"y": 498

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"x": 66,

"y": 520

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"x": 262,

"y": 520

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"x": 262,

"y": 498

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"layout\_type": "text"

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"x": 86,

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"y": 1040

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"y": 898

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{

"x": 69,

"y": 499

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{

"x": 69,

"y": 519

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"x": 261,

"y": 519

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"x": 261,

"y": 499

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"x": 66,

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"x": 66,

"y": 129

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"y": 129

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"x": 261,

"y": 108

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"y": 872

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"orgHeight": 1507,

"prism\_version": "1.0.9",

"part\_info": [

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"subject\_list": [

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"prob": 0,

"element\_list": [

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"content\_list": [

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"string": "八、(本题满分10分)",

"pos": [

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{

"x": 260,

"y": 498

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"x": 66,

"y": 517

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"type": 1,

"option": ""

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"text": "八 、(本题满分10分)",

"pos\_list": [

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"x": 66,

"y": 499

},

{

"x": 260,

"y": 498

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{

"x": 260,

"y": 517

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{

"x": 66,

"y": 517

}

]

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"type": 0

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"content\_list": [

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"prob": 99,

"string": "设函数f(x)在闭区间",

"pos": [

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"x": 98,

"y": 532

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{

"x": 316,

"y": 532

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"x": 316,

"y": 550

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"x": 98,

"y": 550

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"type": 1,

"option": ""

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"prob": 99,

"string": "[0,1]",

"pos": [

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"x": 316,

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"x": 367,

"y": 529

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"x": 367,

"y": 551

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{

"x": 316,

"y": 552

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"type": 1,

"option": ""

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{

"prob": 99,

"string": "上可微,对于",

"pos": [

{

"x": 367,

"y": 531

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{

"x": 495,

"y": 531

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{

"x": 495,

"y": 550

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{

"x": 367,

"y": 550

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"type": 1,

"option": ""

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"prob": 99,

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"y": 529

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"x": 552,

"y": 528

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"x": 552,

"y": 552

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"x": 495,

"y": 552

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"type": 1,

"option": ""

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"prob": 98,

"string": "上的每个x,函数的值都在区间(0,1)内,",

"pos": [

{

"x": 552,

"y": 531

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"x": 942,

"y": 531

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"x": 942,

"y": 549

},

{

"x": 552,

"y": 550

}

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"type": 1,

"option": ""

},

{

"prob": 99,

"string": "且",

"pos": [

{

"x": 98,

"y": 564

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"x": 126,

"y": 564

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{

"x": 126,

"y": 583

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{

"x": 98,

"y": 583

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"type": 1,

"option": ""

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"prob": 99,

"string": "f'(x)≠1,",

"pos": [

{

"x": 126,

"y": 561

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"x": 237,

"y": 562

},

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"x": 237,

"y": 587

},

{

"x": 126,

"y": 587

}

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"type": 1,

"option": ""

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{

"prob": 99,

"string": ",证明:在(0,1)内有且仅有一个x,使得",

"pos": [

{

"x": 237,

"y": 564

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{

"x": 614,

"y": 565

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"x": 614,

"y": 583

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{

"x": 237,

"y": 583

}

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"type": 1,

"option": ""

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{

"prob": 98,

"string": "f(x)=x.",

"pos": [

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"x": 614,

"y": 562

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{

"x": 716,

"y": 563

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{

"x": 716,

"y": 587

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"x": 614,

"y": 586

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"type": 1,

"option": ""

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"text": "设函数f(x)在闭区间[0,1]上可微,对于[0,1]上的每个x,函数的值都在区间(0,1)内,且f'(x)≠1,,证明:在(0,1)内有且仅有一个x,使得f(x)=x.",

"pos\_list": [

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{

"x": 98,

"y": 528

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{

"x": 942,

"y": 529

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{

"x": 942,

"y": 588

},

{

"x": 98,

"y": 587

}

]

],

"type": 0

}

],

"answer\_list": [

[

{

"x": 0,

"y": 498

},

{

"x": 1009,

"y": 498

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{

"x": 1009,

"y": 892

},

{

"x": 0,

"y": 892

}

]

],

"figure\_list": [],

"index": 0,

"text": "八 、(本题满分10分)设函数f(x)在闭区间[0,1]上可微,对于[0,1]上的每个x,函数的值都在区间(0,1)内,且f'(x)≠1,,证明:在(0,1)内有且仅有一个x,使得f(x)=x.",

"pos\_list": [

[

{

"x": 66,

"y": 498

},

{

"x": 944,

"y": 498

},

{

"x": 944,

"y": 587

},

{

"x": 66,

"y": 587

}

]

],

"type": 15,

"num\_choices": 0,

"table\_list": []

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"pos\_list": [

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{

"x": 66,

"y": 107

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{

"x": 943,

"y": 107

},

{

"x": 942,

"y": 588

},

{

"x": 66,

"y": 587

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]

]

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"prob": 0,

"element\_list": [

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"content\_list": [

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"prob": 99,

"string": "问a,b为何值时,线性方程组",

"pos": [

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"x": 98,

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"y": 957

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"y": 975

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"x": 98,

"y": 975

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"type": 1,

"option": ""

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"prob": 100,

"string": "",

"pos": [

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"x": 378,

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{

"x": 683,

"y": 908

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{

"x": 683,

"y": 1031

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{

"x": 378,

"y": 1031

}

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"type": 1,

"option": ""

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{

"prob": 99,

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"pos": [

{

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"y": 958

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{

"x": 943,

"y": 957

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"x": 943,

"y": 975

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{

"x": 672,

"y": 975

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"type": 1,

"option": ""

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"text": "问a,b为何值时,线性方程组有唯一解?无解?有无穷多个",

"pos\_list": [

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{

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{

"x": 944,

"y": 908

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{

"x": 943,

"y": 1031

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"x": 98,

"y": 1031

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"type": 0

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{

"content\_list": [

{

"prob": 99,

"string": "解?并求出有无穷多个解时的通解.",

"pos": [

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"x": 98,

"y": 1043

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{

"x": 426,

"y": 1042

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{

"x": 426,

"y": 1060

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{

"x": 98,

"y": 1061

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"type": 1,

"option": ""

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"text": "解?并求出有无穷多个解时的通解.",

"pos\_list": [

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"y": 1042

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"x": 426,

"y": 1060

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"x": 98,

"y": 1061

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"answer\_list": [

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"y": 892

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"y": 892

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"y": 1507

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"x": 0,

"y": 1507

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]

],

"figure\_list": [],

"index": 0,

"text": "问a,b为何值时,线性方程组有唯一解?无解?有无穷多个解?并求出有无穷多个解时的通解.",

"pos\_list": [

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{

"x": 82,

"y": 892

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{

"x": 945,

"y": 892

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{

"x": 945,

"y": 1073

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{

"x": 82,

"y": 1073

}

]

],

"type": 15,

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"table\_list": []

}

],

"pos\_list": [

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"x": 67,

"y": 873

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{

"x": 944,

"y": 872

},

{

"x": 943,

"y": 1060

},

{

"x": 67,

"y": 1061

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]

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