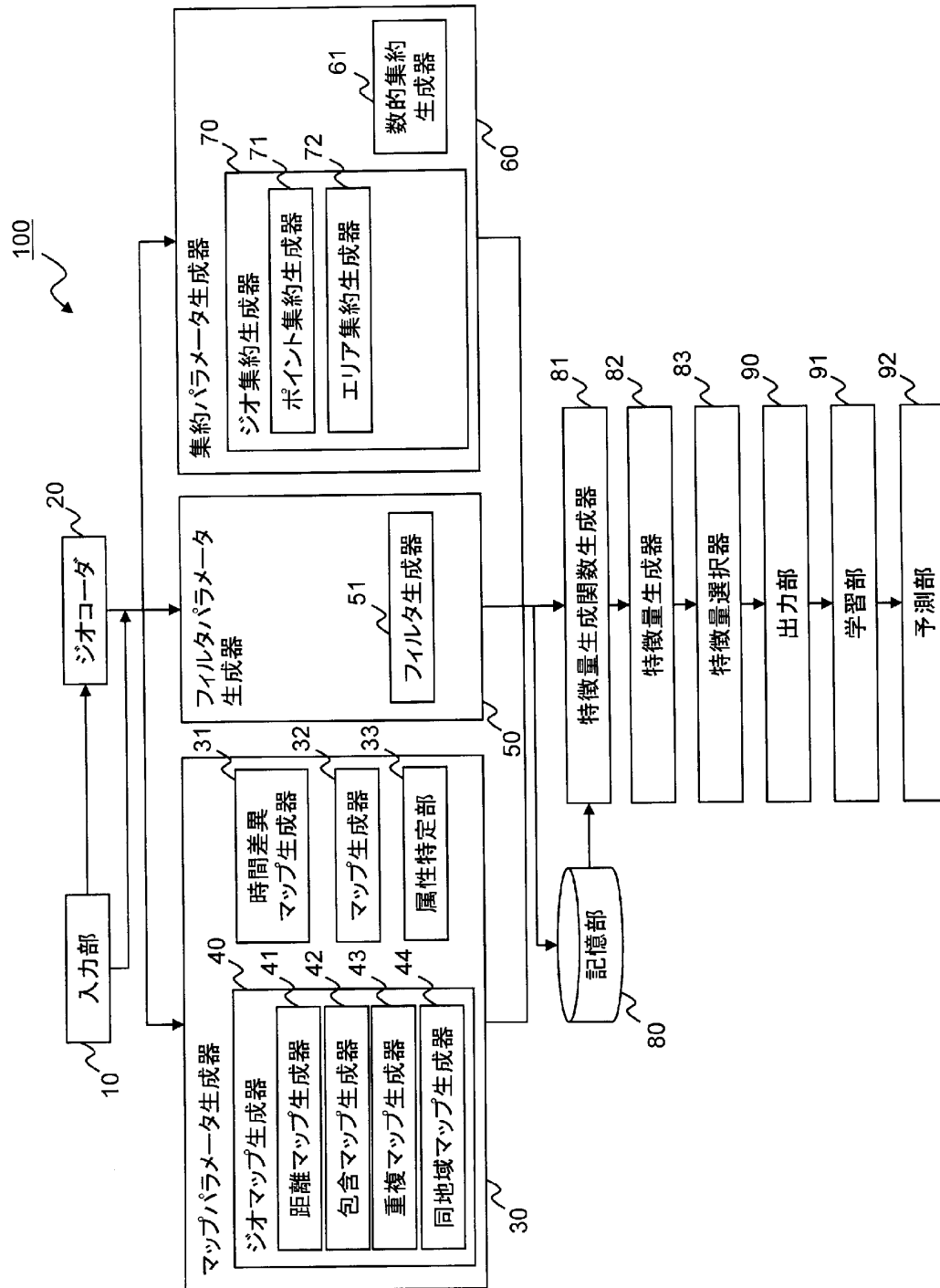
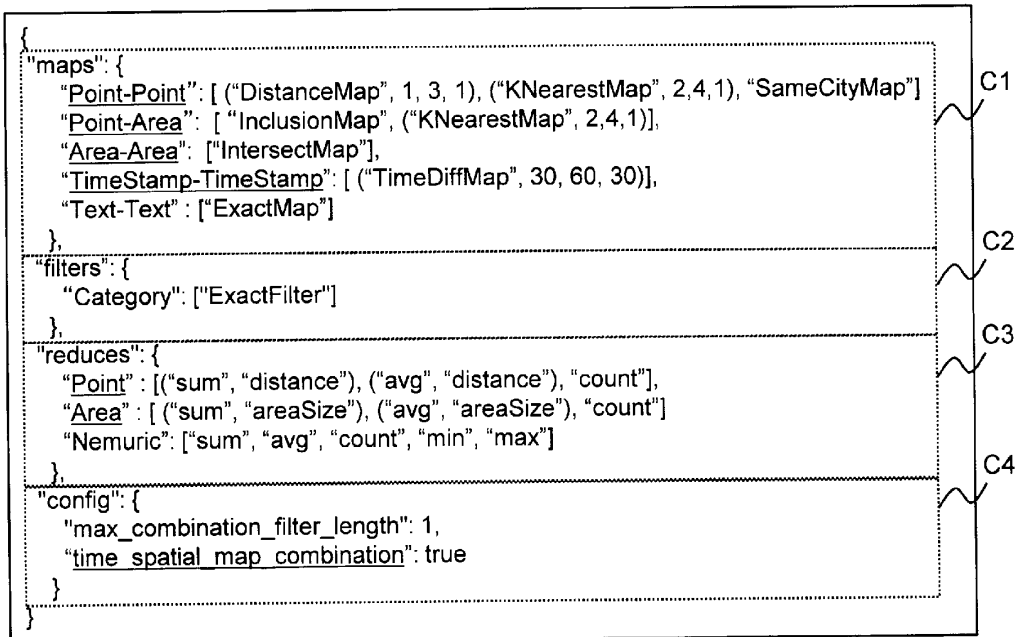


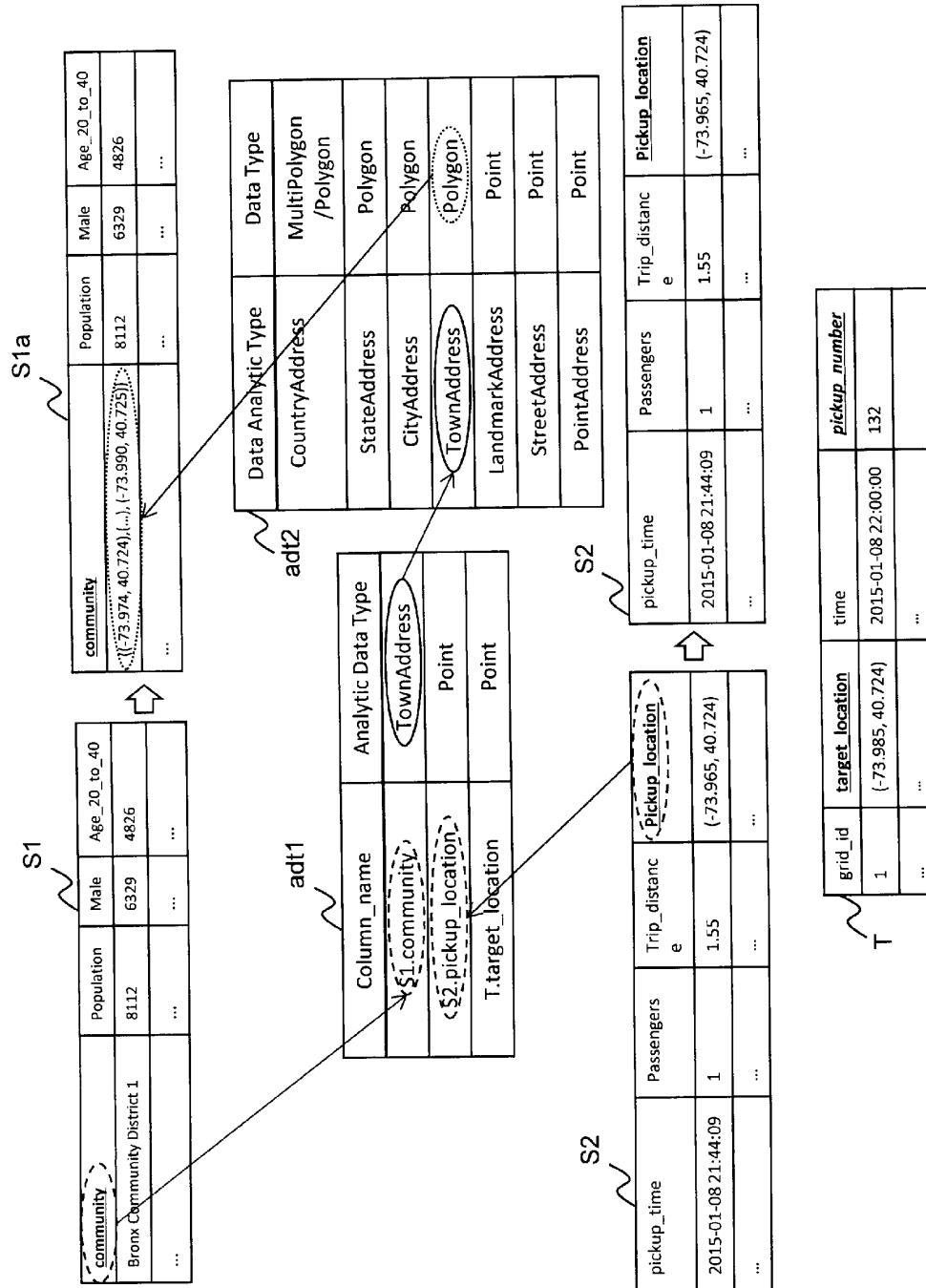
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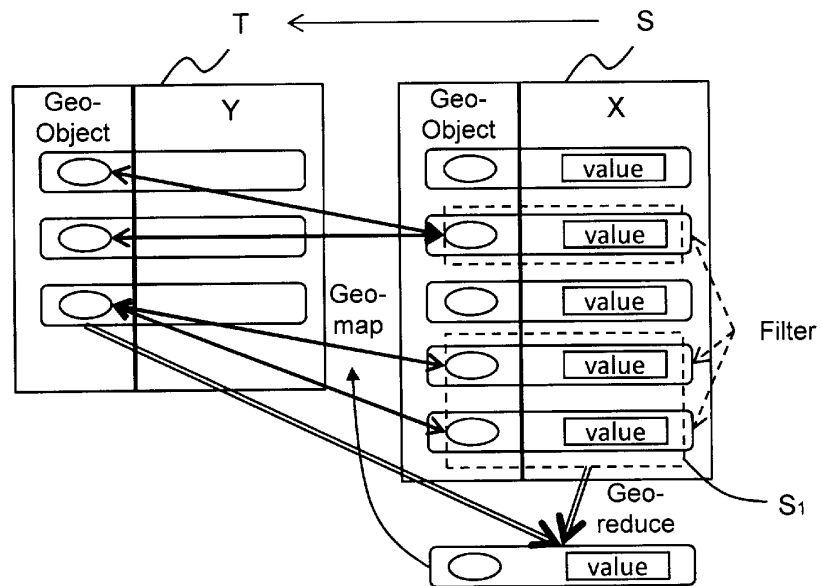
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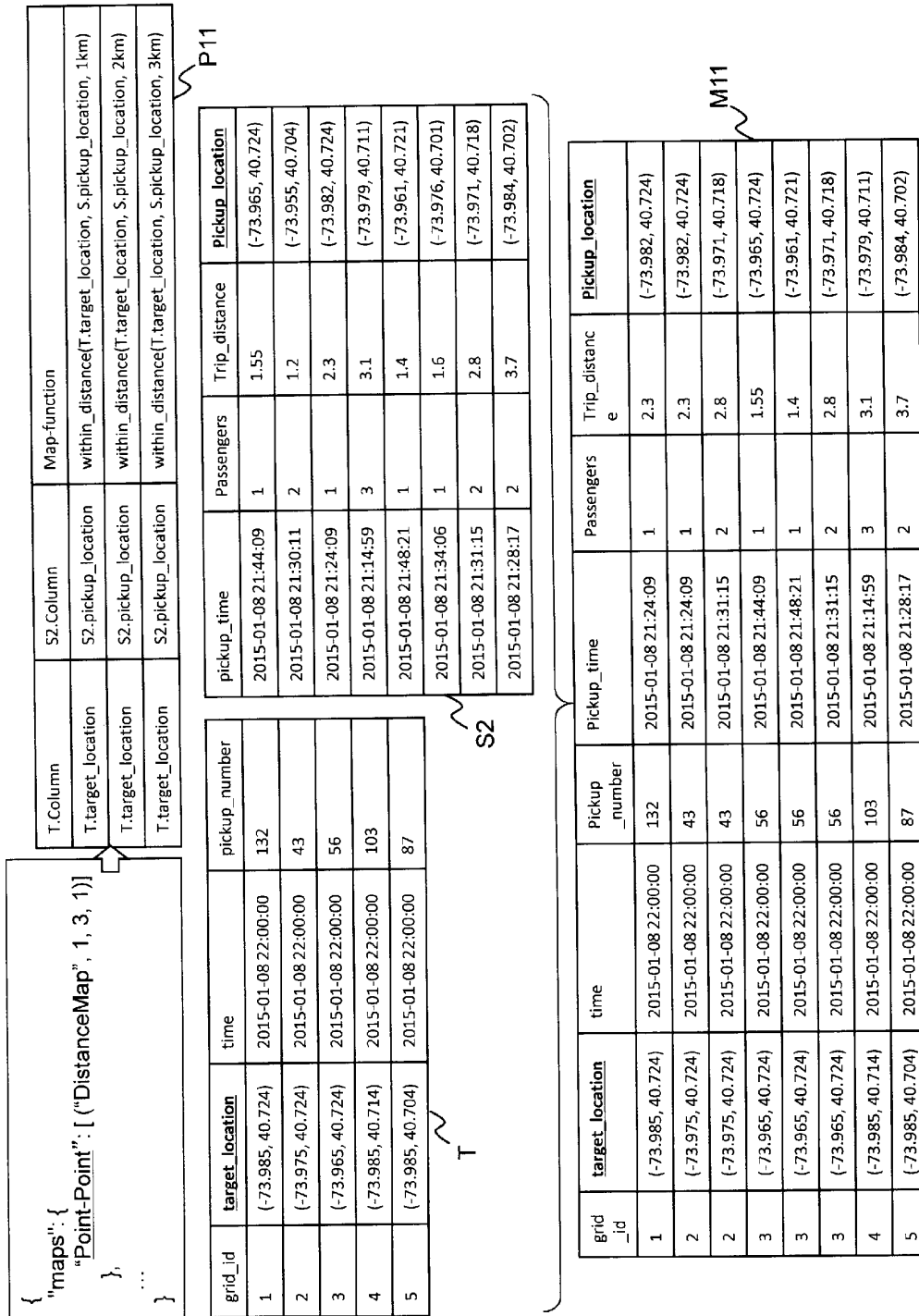
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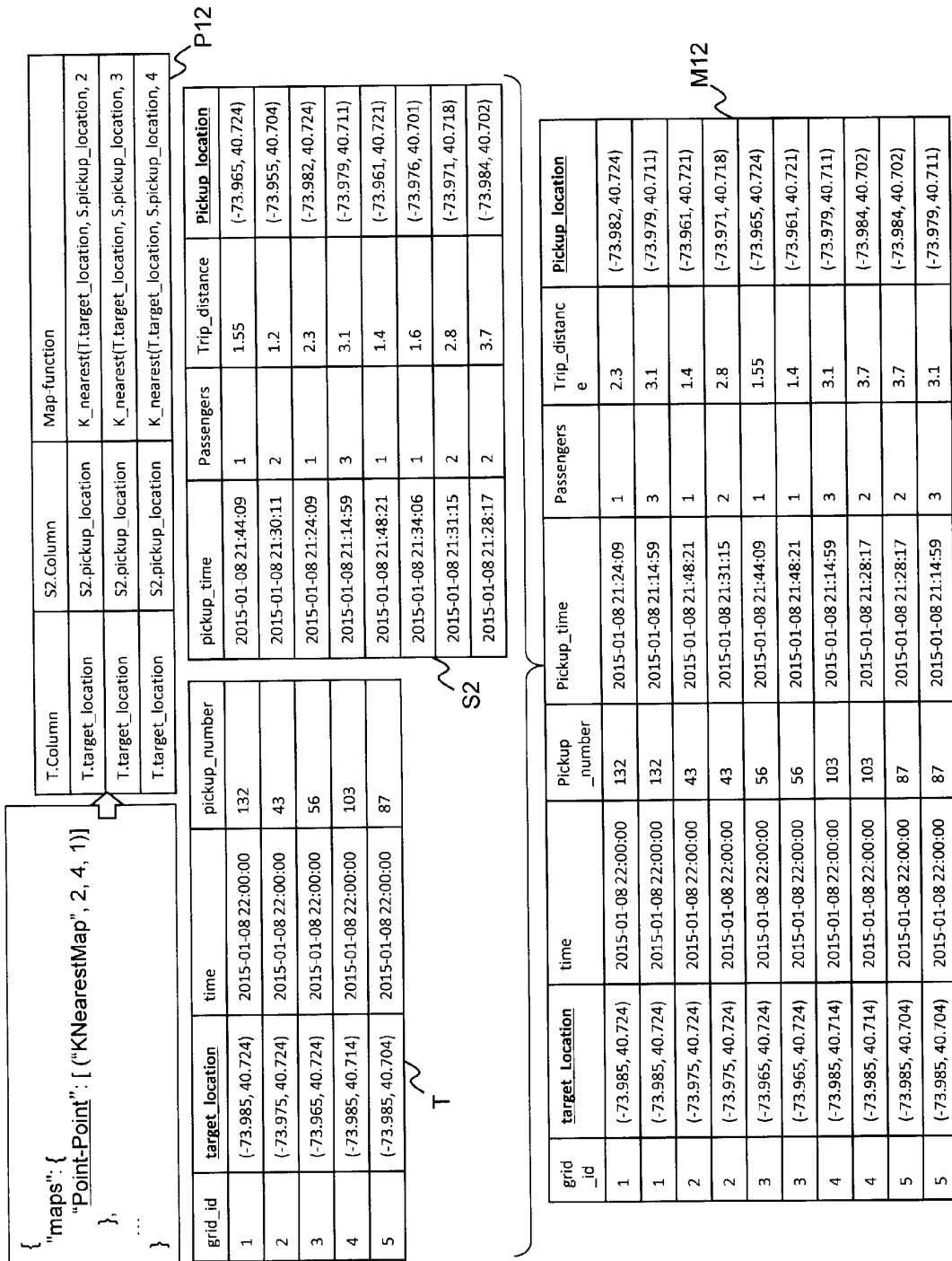
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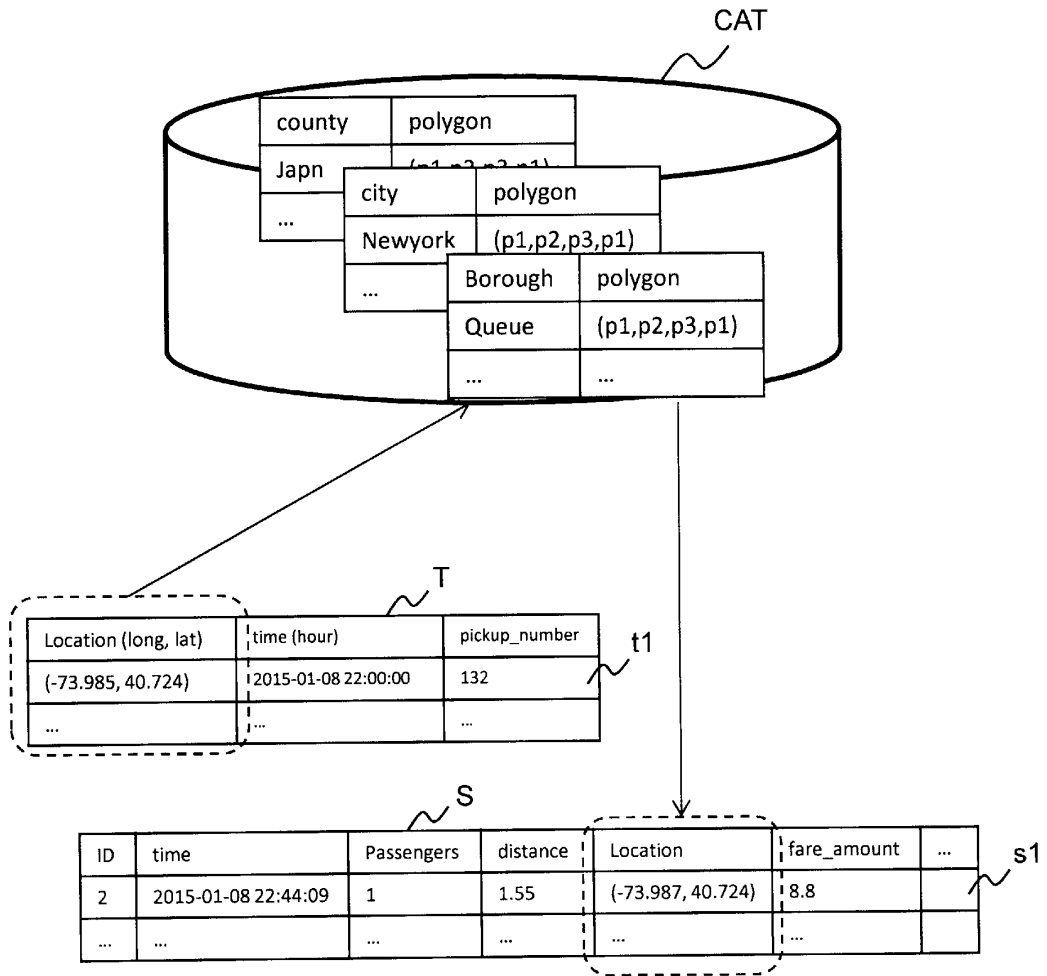
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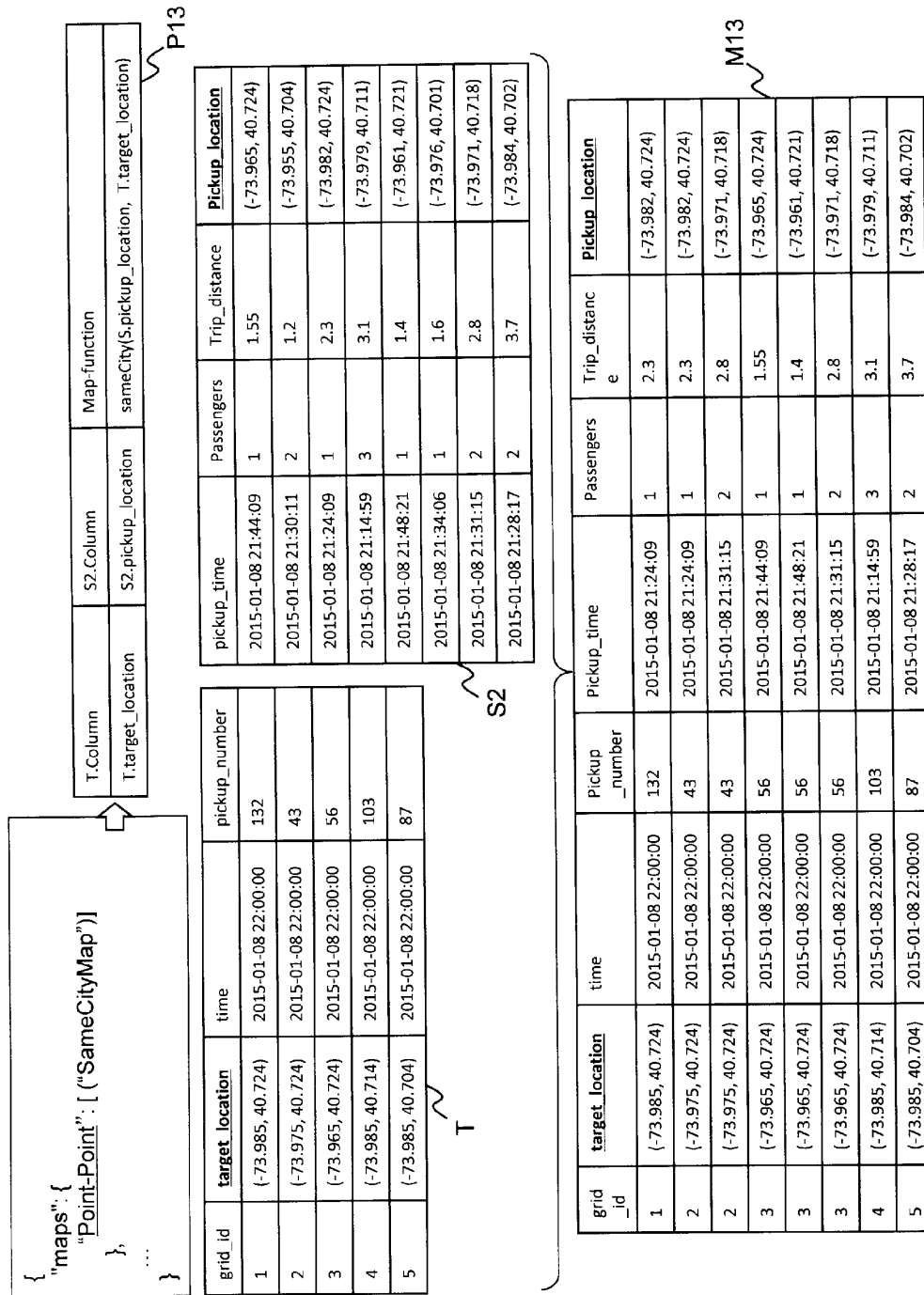
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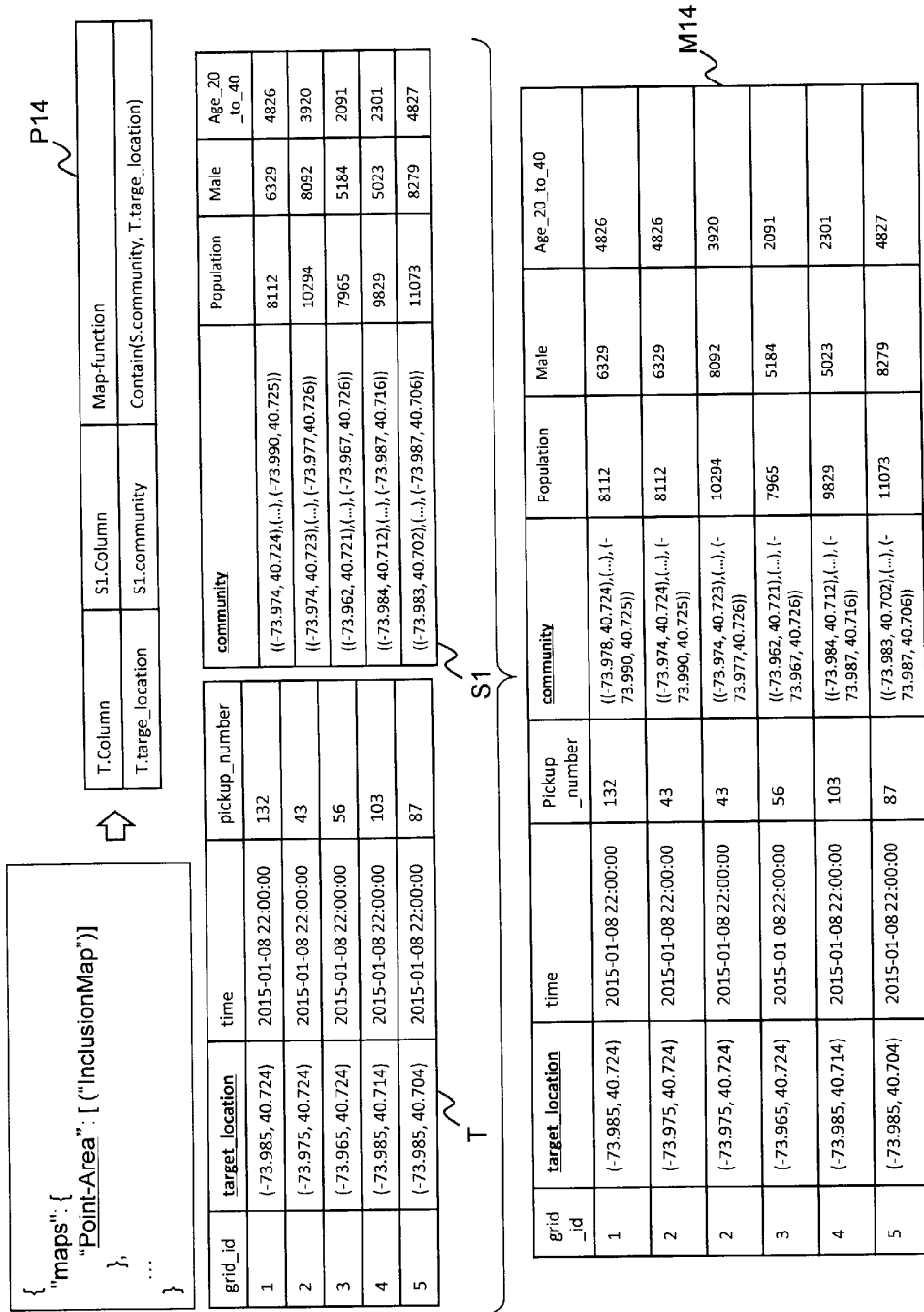
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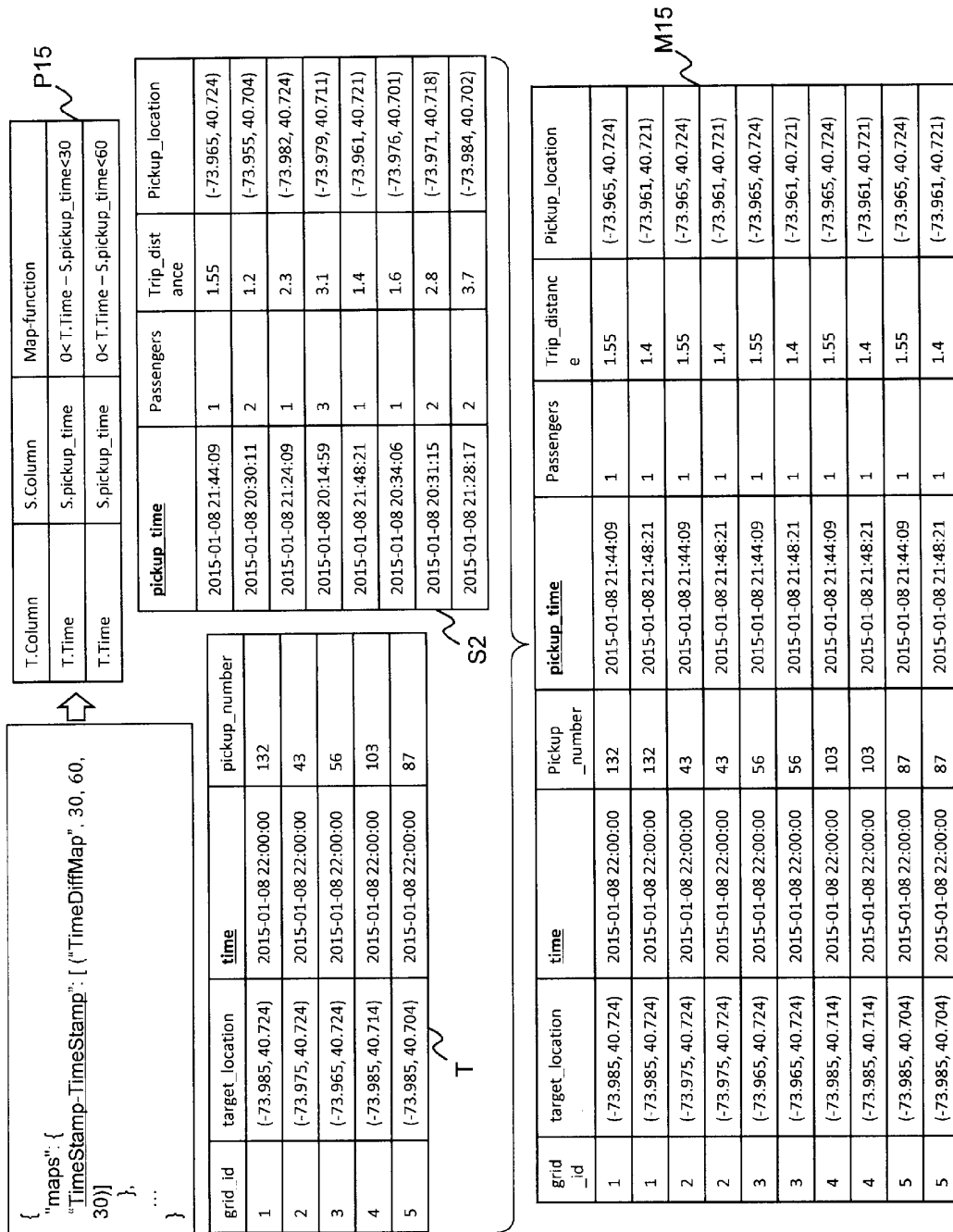
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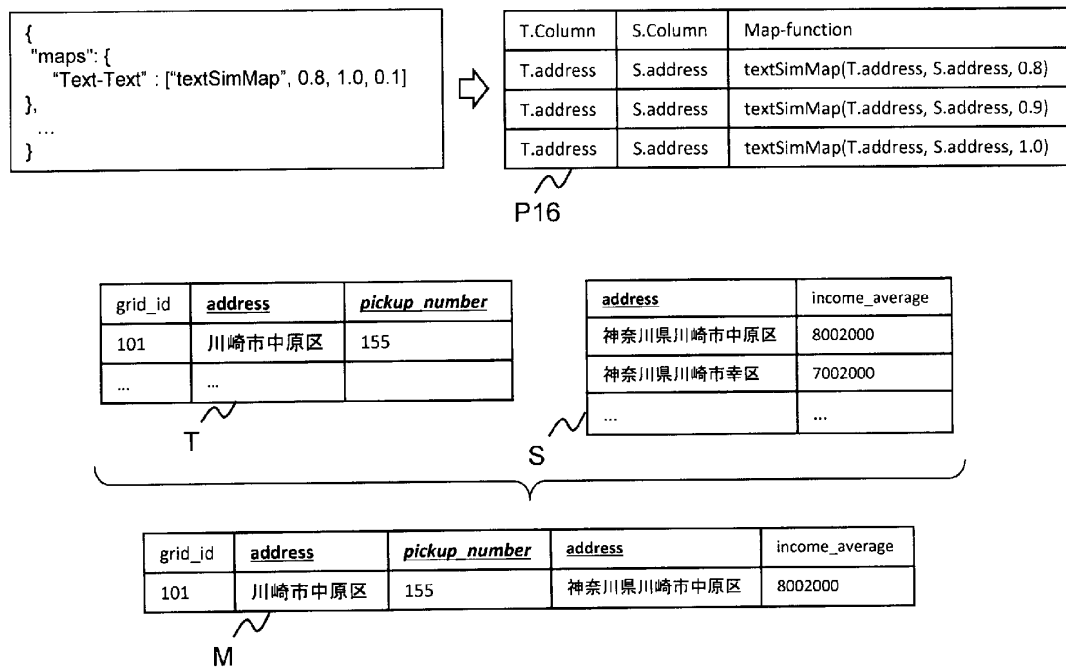
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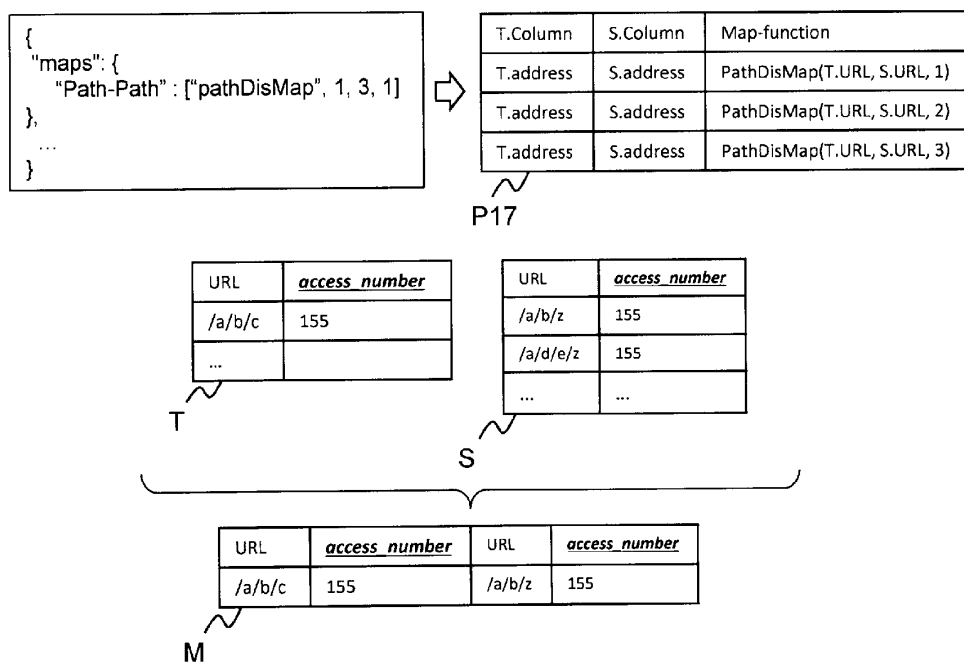
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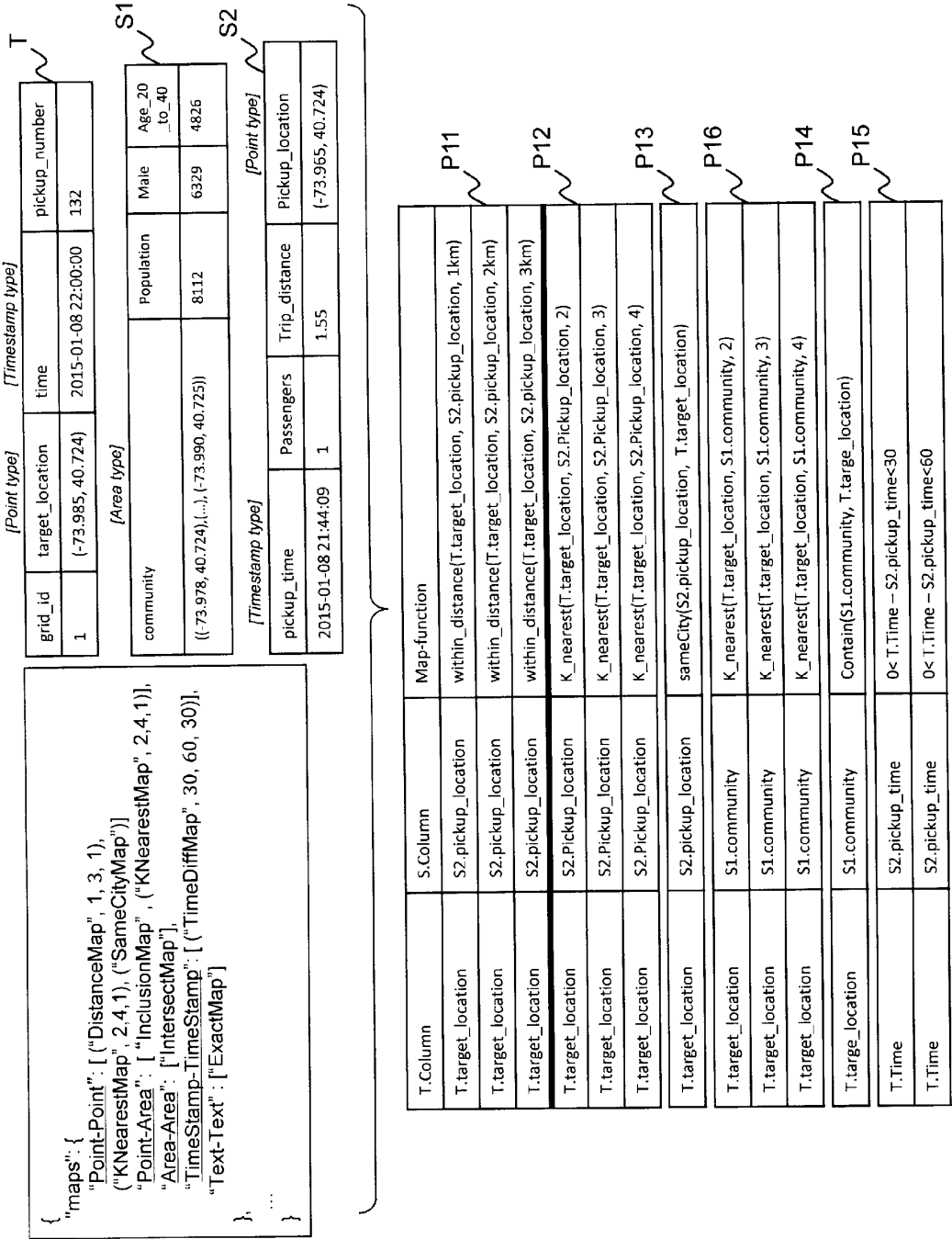
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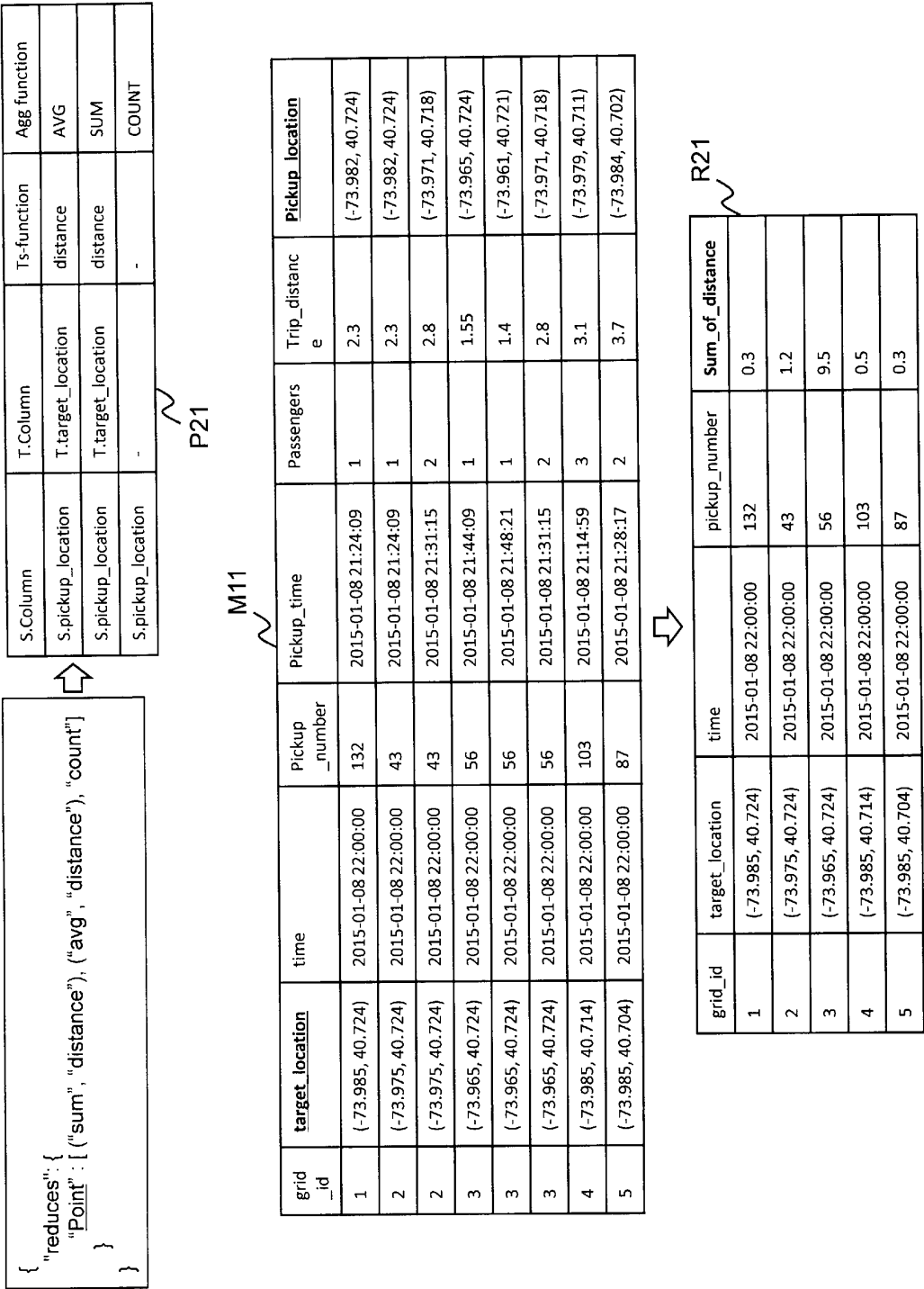
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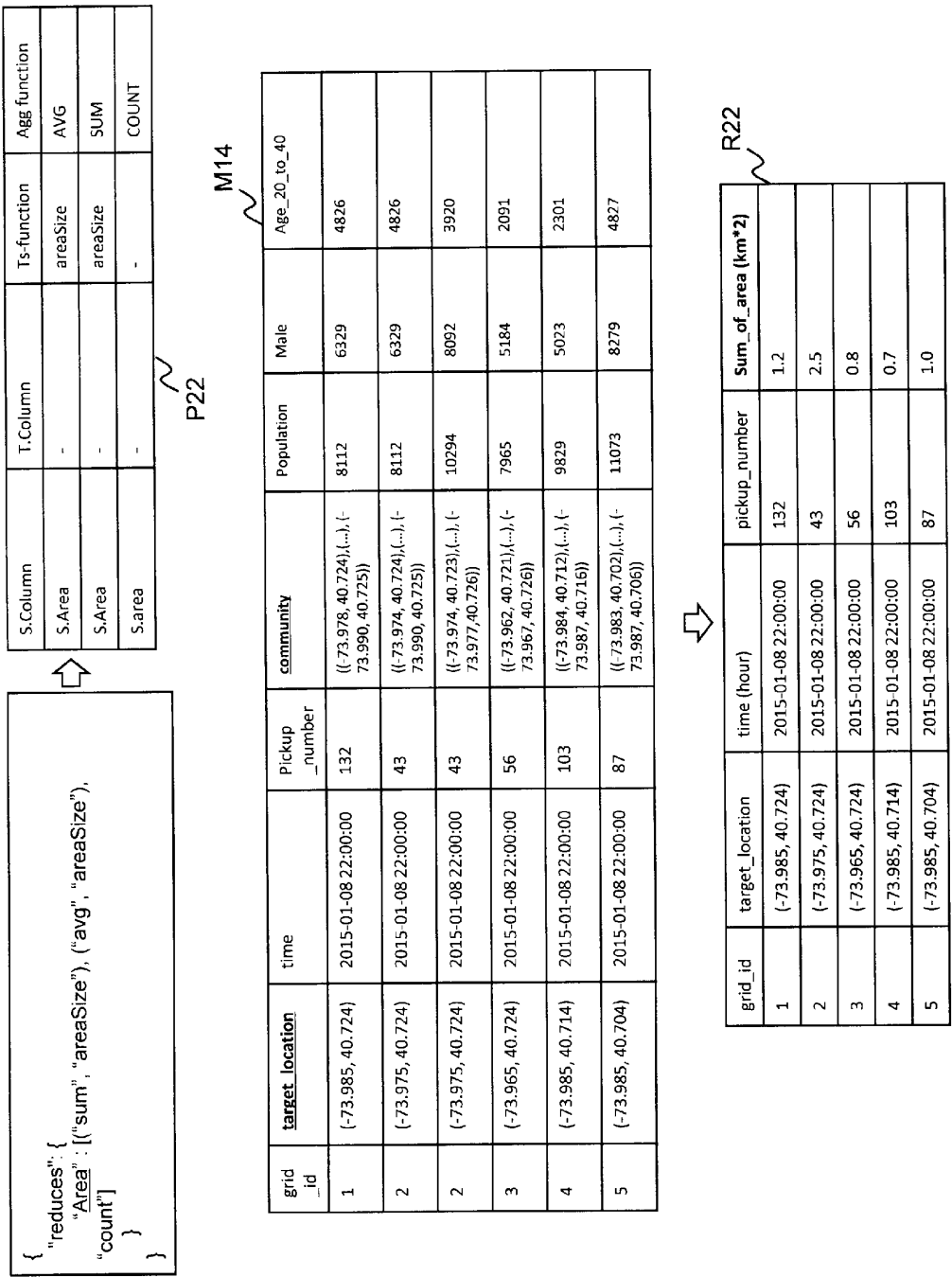
[図13]



[図14]



[図15]



R22

grid_id	target_location	time (hour)	pickup_number	Sum_of_area (km*2)
1	(-73.985, 40.724)	2015-01-08 22:00:00	132	1.2
2	(-73.975, 40.724)	2015-01-08 22:00:00	43	2.5
3	(-73.965, 40.724)	2015-01-08 22:00:00	56	0.8
4	(-73.985, 40.714)	2015-01-08 22:00:00	103	0.7
5	(-73.985, 40.704)	2015-01-08 22:00:00	87	1.0

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{
  "reduces": {
    "Point": [ ("sum", "distance"), ("avg", "distance"), "count"],
    "Area": [ ("sum", "areaSize"), ("avg", "areaSize"), "count"],
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  },
  ...
}
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21

S1S2

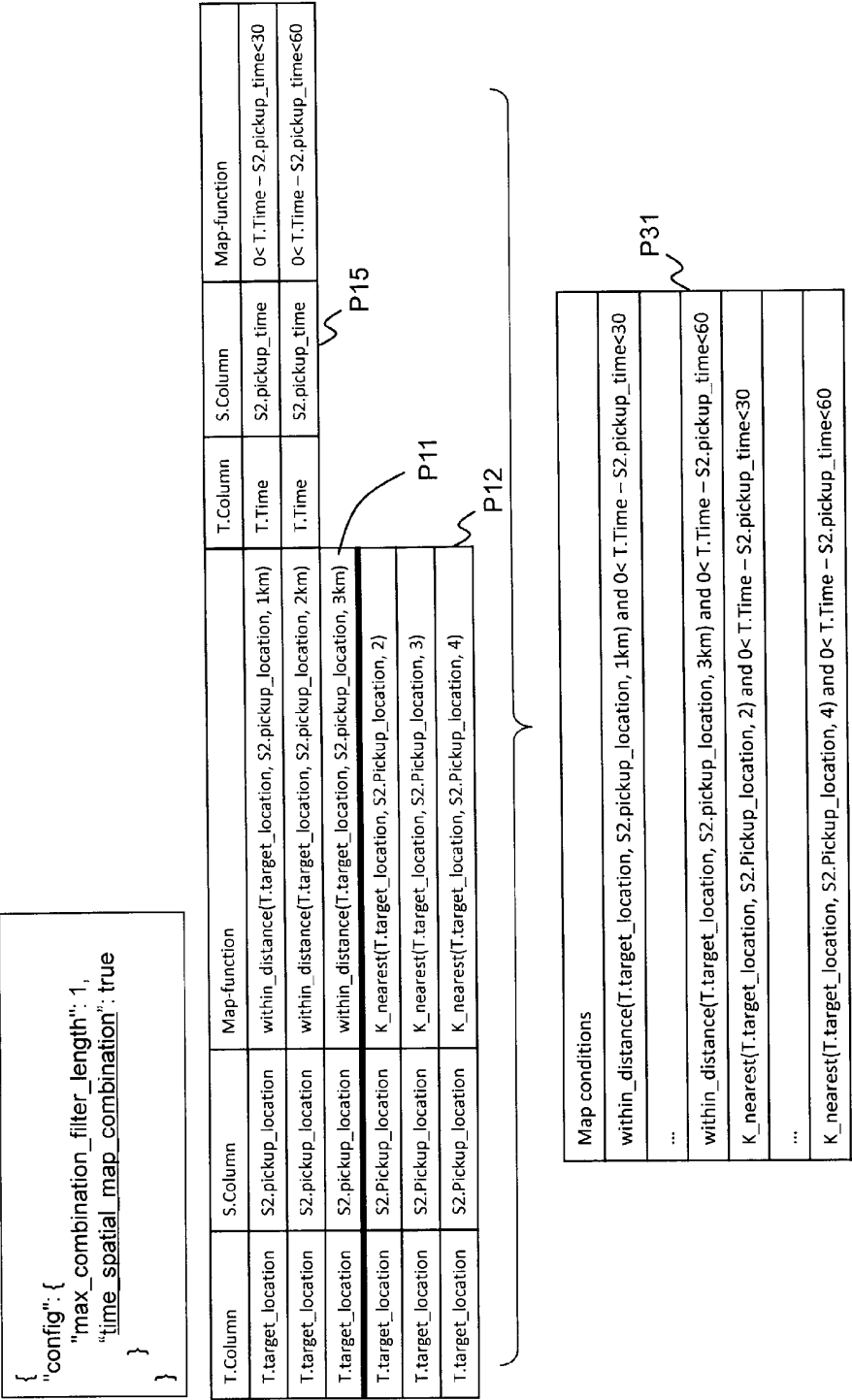
P21

P23

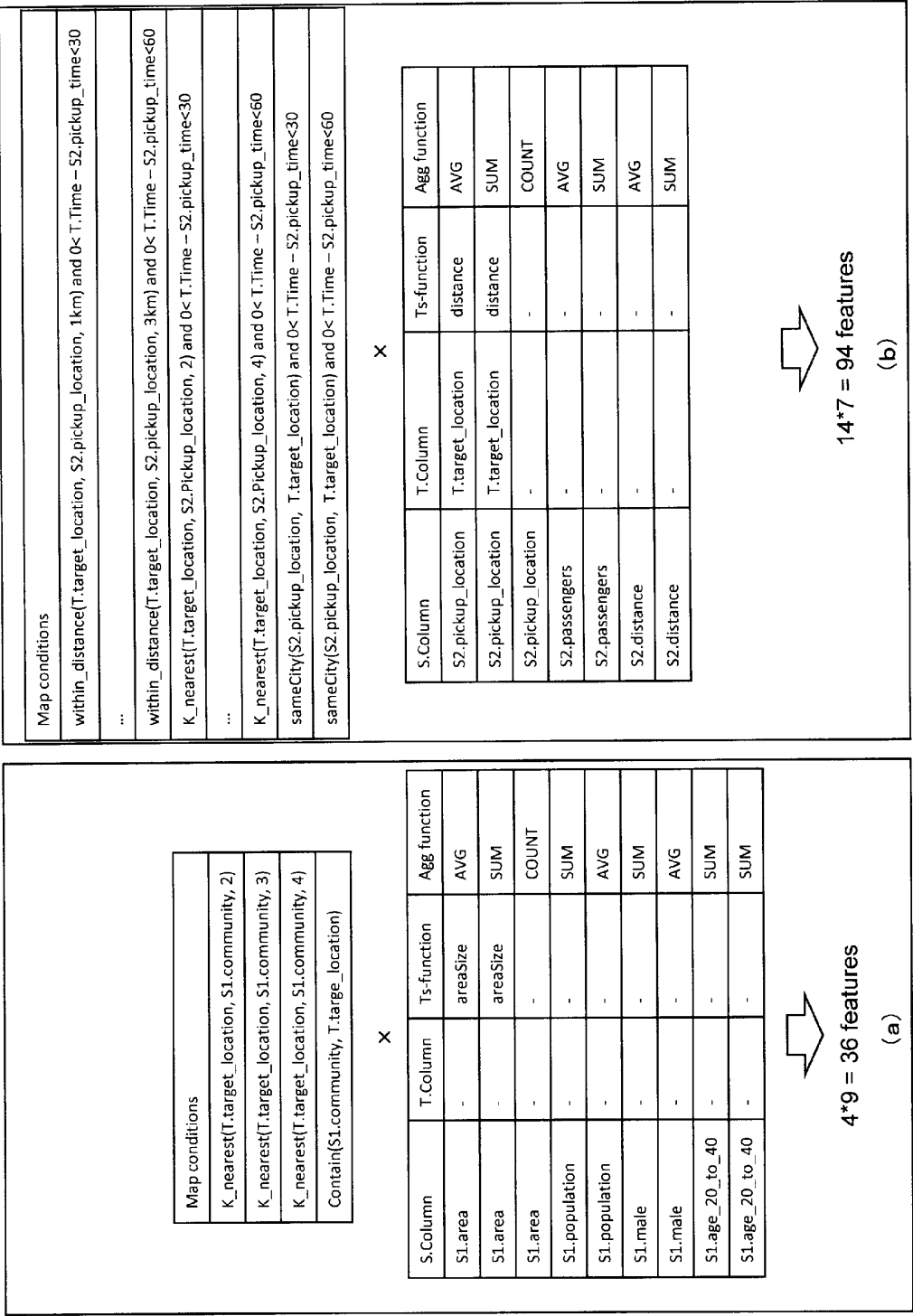
22

24

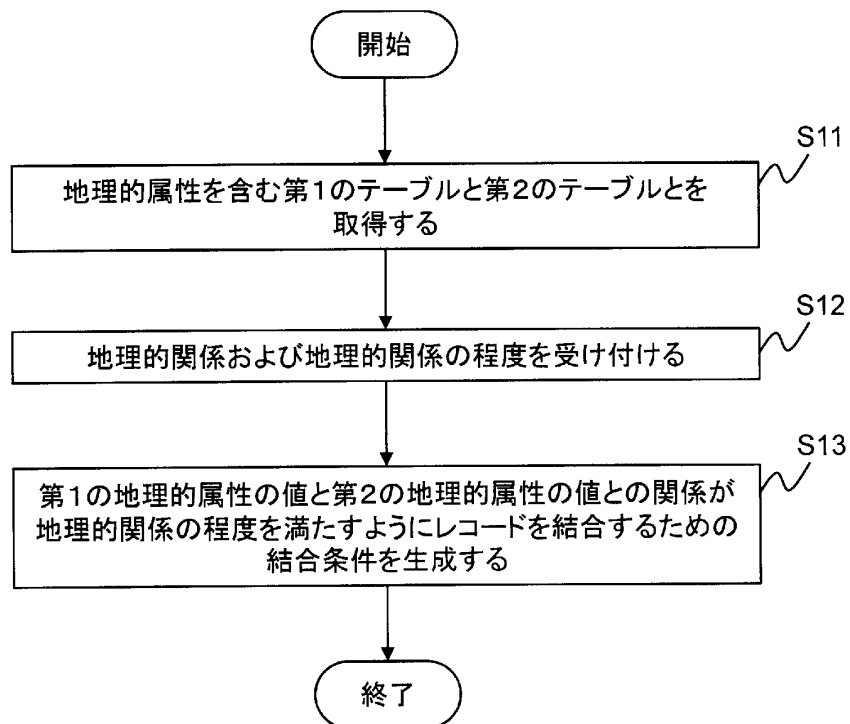
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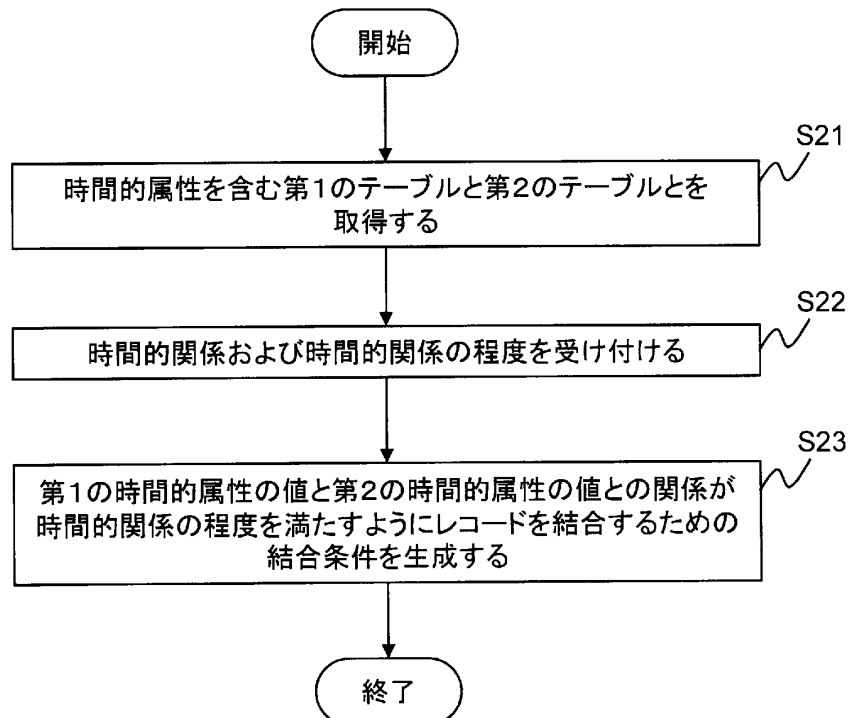
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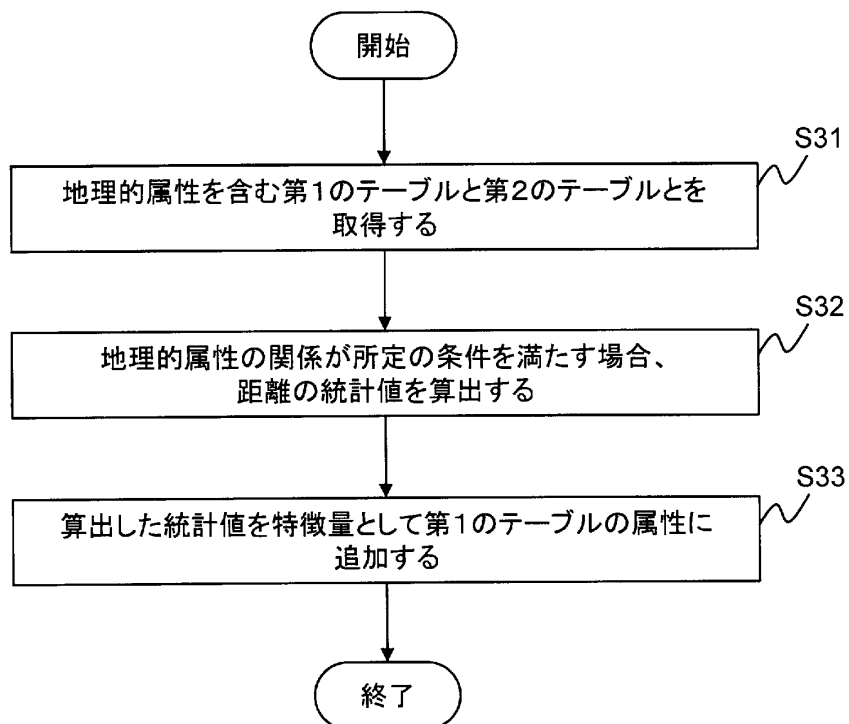
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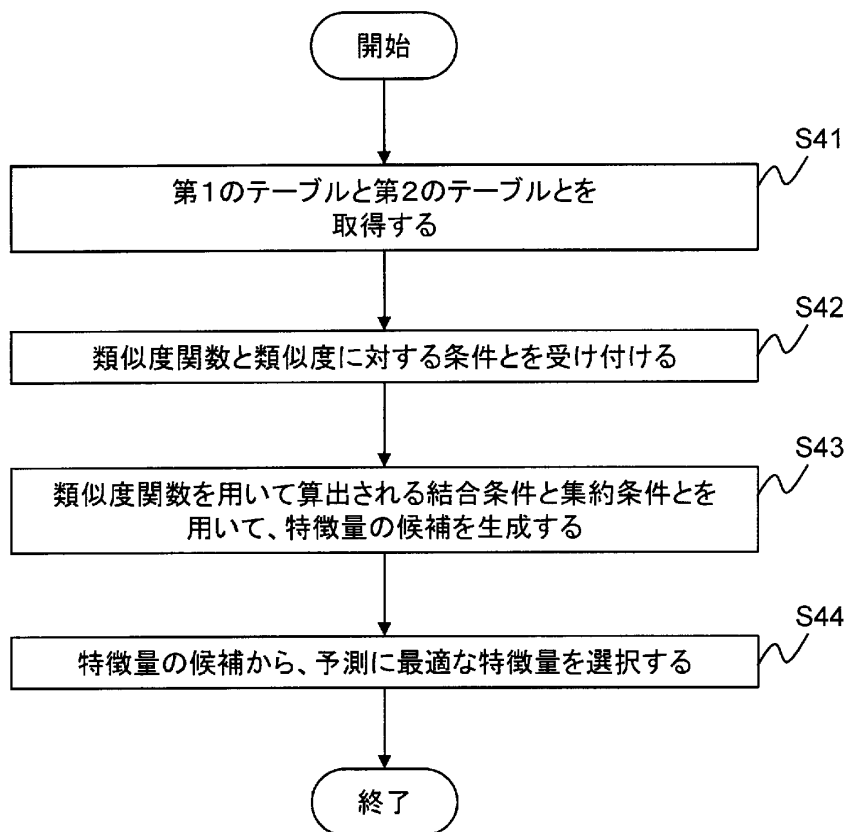
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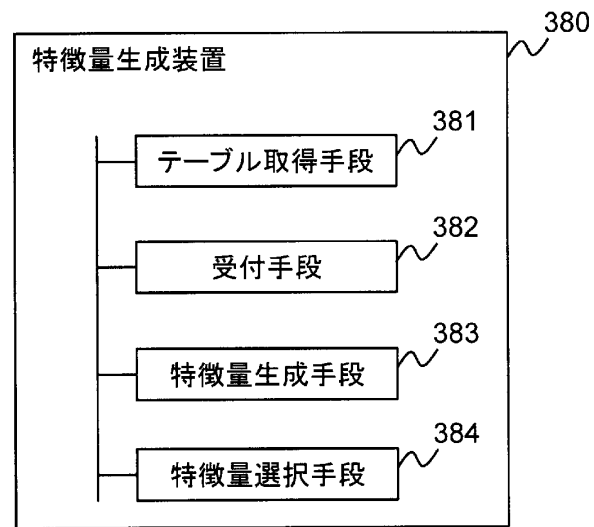
[図21]



[図22]



[図23]



[図24]

