

Findstat, the combinatorial statistic finder

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Berkeley combinatorics seminar

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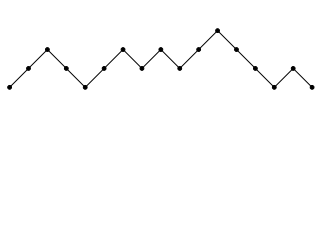
The FindStat project

Providing a platform to gather information about combinatorial collections and statistics and their relations.

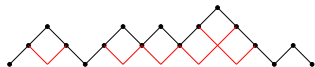
Initiated by Christian Stump and Chris Berg in 2011.

Contains **169** statistics over 17 combinatorial objects.

Combinatorial statistics



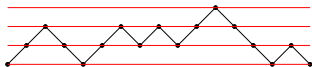
Combinatorial statistics



Area = 6



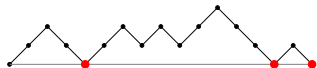
Combinatorial statistics



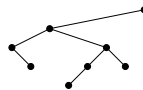
Area = 6
Height = 3



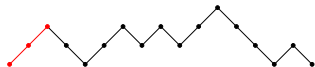
Combinatorial statistics



Area = 6
Height = 3
Touch points = 3



Combinatorial statistics



Area = 6

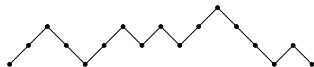
Height = 3

Touch points = 3

Initial rise = 2



Combinatorial statistics



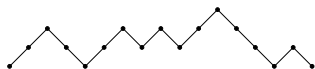
Area = 6
Height = 3
Touch points = 3
Initial rise = 2



Height = 3



Combinatorial statistics



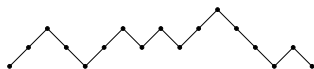
Area = 6
Height = 3
Touch points = 3
Initial rise = 2



Height = 3
Leaves = 5



Combinatorial statistics



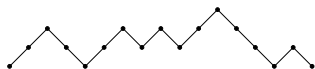
Area = 6
Height = 3
Touch points = 3
Initial rise = 2



Height = 3
Leaves = 5
Internal nodes = 3



Combinatorial statistics



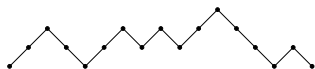
Area = 6
Height = 3
Touch points = 3
Initial rise = 2



Height = 3
Leaves = 5
Internal nodes = 3
Root subtrees = 3



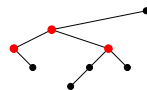
Combinatorial statistics



Area = 6
 Height = 3
 Touch points = 3
 Initial rise = 2

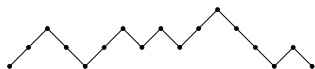


Height = 3
 Leaves = 5
 Internal nodes = 3
 Root subtrees = 3



Right subtree = 3

Combinatorial statistics



Area = 6
Height = 3
Touch points = 3
Initial rise = 2

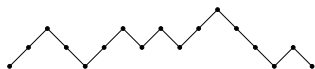


Height = 3
Leaves = 5
Internal nodes = 3
Root subtrees = 3



Right subtree = 3
No right subtree = 5

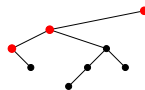
Combinatorial statistics



Area = 6
Height = 3
Touch points = 3
Initial rise = 2

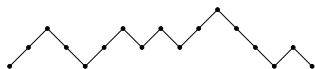


Height = 3
Leaves = 5
Internal nodes = 3
Root subtrees = 3



Right subtree = 3
No right subtree = 5
Left branch = 3

Combinatorial statistics



Area = 6
Height = 3
Touch points = 3
Initial rise = 2

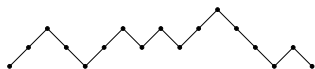


Height = 3
Leaves = 5
Internal nodes = 3
Root subtrees = 3



Right subtree = 3
No right subtree = 5
Left branch = 3

Combinatorial statistics







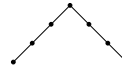





Area = 6
Height = 3
Touch points = 3
Initial rise = 2

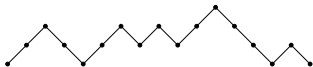


Height = 3
Leaves = 5
Internal nodes = 3
Root subtrees = 3



Right subtree = 3
No right subtree = 5
Left branch = 3

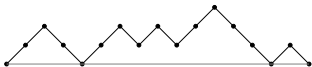
					
Touch points	3	2	1	2	1
Height	1	2	2	2	3
<hr/>					
					
Root subtrees	3	2	1	2	1
Height	1	2	2	2	3



Touch points = 3
Height = 3



Root subtrees = 3
Height = 3



Touch points = 3
Height = 3



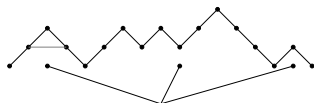
Root subtrees = 3
Height = 3



Touch points = 3
Height = 3



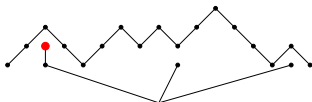
Root subtrees = 3
Height = 3



Touch points = 3
Height = 3



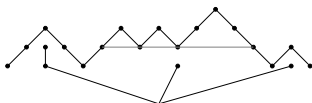
Root subtrees = 3
Height = 3



Touch points = 3
Height = 3



Root subtrees = 3
Height = 3



Touch points = 3
Height = 3



Root subtrees = 3
Height = 3



Touch points = 3
Height = 3



Root subtrees = 3
Height = 3



Touch points = 3
Height = 3



Root subtrees = 3
Height = 3



Touch points = 3
Height = 3



Root subtrees = 3
Height = 3



Touch points = 3
Height = 3



Root subtrees = 3
Height = 3