

# The Subgroups of $S_3$ in Cycle Form

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```
*****BEGIN GroupSet - Size=6 *****

-----Begin Group, Size=1-----
I
-----End Group, Size=1-----

-----Begin Group, Size=2-----
I
(1,2)
-----End Group, Size=2-----

-----Begin Group, Size=2-----
I
(0,1)
-----End Group, Size=2-----

-----Begin Group, Size=2-----
I
(0,2)
-----End Group, Size=2-----

-----Begin Group, Size=3-----
I
(0,1,2)
(0,2,1)
-----End Group, Size=3-----

-----Begin Group, Size=6-----
I
(1,2)
(0,1)
(0,1,2)
(0,2,1)
(0,2)
-----End Group, Size=6-----

*****END GroupSet - Size=6 *****
```