

AAIG

Abstract Algebra in GAP

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Eric Bailey

Eric Bailey

Email: eric@ericb.me

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Chapter 1

PerfectNumbers

1.1 The IsPerfect() Operation

1.1.1 IsPerfect (for IsInt and IsPosInt)

▷ `IsPerfect(int)` (operation)

Determine whether a positive *int* is perfect.

Example

```
gap> Filtered([1..999], IsPerfect);  
[ 6, 28, 496 ]
```

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`IsPerfect`

for `IsInt` and `IsPosInt`, [3](#)