

# **vngrape**

**Vertex Name Centered additions to  
GRAPE**

Version 1.0

19 February 2013

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## Acknowledgements

Big thanks to the author of the package GRAPE.

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# Chapter 1

## The vngrape Package

This chapter describes the GAP package `vngrape`. It builds on the package `GRAPE`.

### 1.1 Functions

The following functions are available:

#### 1.1.1 VNI2N

▷ `VNI2N(graph, index_or_list_of_indices)` (function)

converts all indices in `x` to vertex names

#### 1.1.2 VNN2I

▷ `VNN2I(graph, name_or_list_of_names)` (function)

converts all names in `x` to its indices

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