```
                    Linear Combinations
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                         Vectors
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                         Fields
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                            v
                         Groups
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                       /    Integer Numbers
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                     v            v
                Algebras    Solving Equations
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                   |      Arithmetic    Equations
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                   v     v     v            |
              Operations   Natural Numbers  |
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                     ->    Functions     Identity
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                         Ordered Pairs      |
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```