

Numbers beyond \mathbb{N}

$$0, 1, 2, \dots, \omega = \aleph_0, \omega + 1, \omega + 2, \dots, \aleph_1, \dots$$

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Equipotence, Finiteness, Countability

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Examples.

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Examples. Any $n \in \omega$ is finite.

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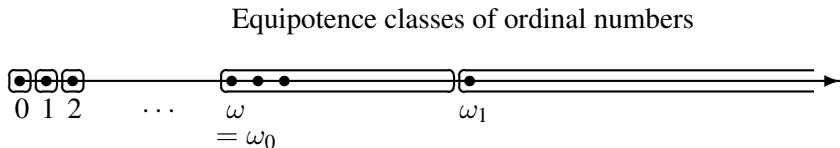
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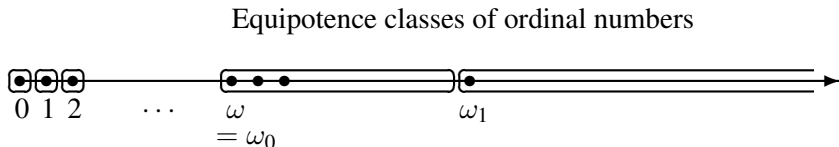
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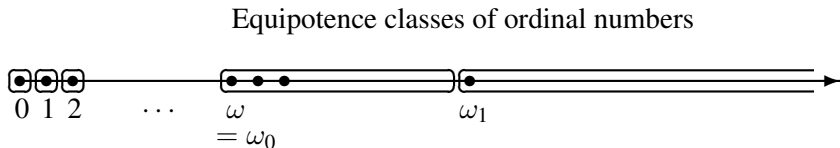


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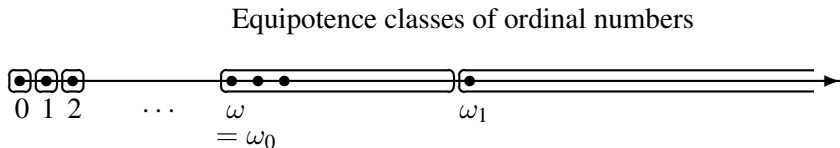


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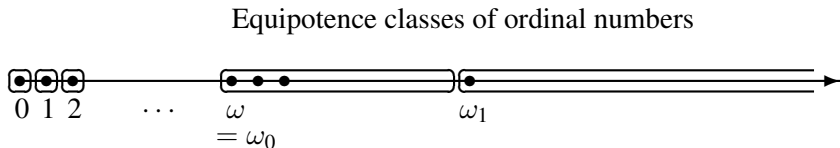


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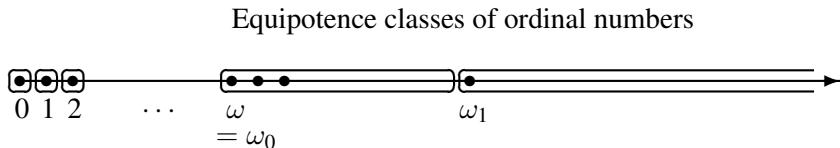


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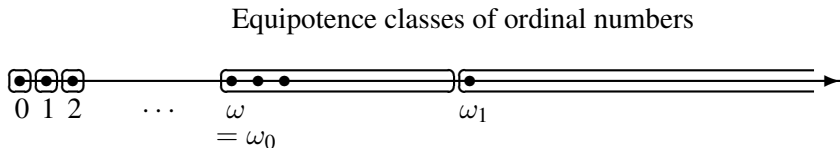


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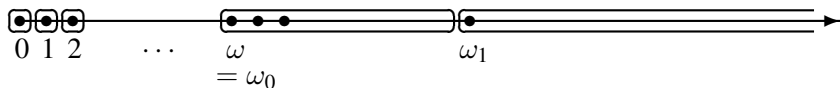
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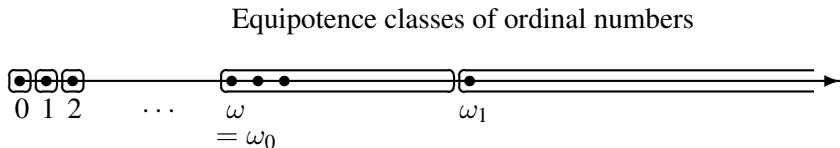


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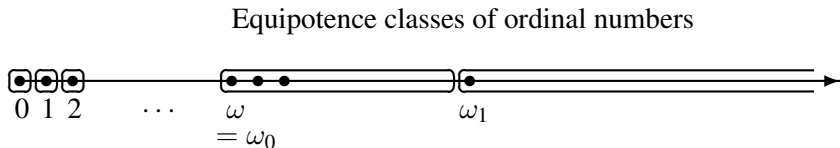


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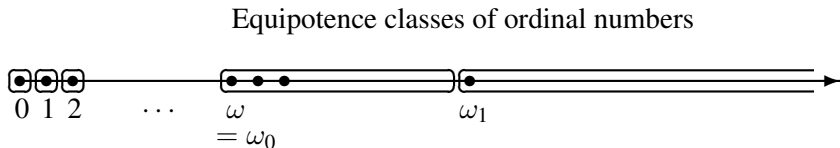
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