

**Bras-Amorós, Maria; de Mier, Anna**

**Representation of numerical semigroups by Dyck paths.** (English) Zbl 1128.20046  
Semigroup Forum 75, No. 3, 677-682 (2007).

Summary: We introduce square diagrams that represent numerical semigroups and we obtain an injection from the set of numerical semigroups into the set of Dyck paths.

**MSC:**

**20M14** Commutative semigroups

Cited in **1** Review  
Cited in **11** Documents

**Keywords:**

numerical semigroups; Dyck paths; gaps; genera

**Software:**

NumericalSemigroupsWithGenus

**Full Text:** [DOI](#) [arXiv](#)