

A Sample Article

MATH NOTEBOOK

Set in the ComplexSystems stylesheet.

Abstract. This page shows what a paper looks like in the Complex Systems template: a 6 by 9 inch page, a 306 point column, display math flush left, and one counter per environment running straight through the document.

1. Statement

Definition 1. A graph is a pair (V, E) with E a set of unordered pairs of distinct elements of V .

Theorem 1. Every environment carries its own counter here, so this theorem is numbered 1 even though a definition precedes it.

$$\sum_{v \in V} \deg(v) = 2 |E| \tag{1}$$

Proof. Summing degrees counts every edge twice. □

2. Numbering runs on

A second section does not reset either counter, which is what the journal prints.

Definition 2. So this one is numbered 2, not 1.1.

Theorem 2. And this theorem is 2 as well.

$$\chi(G) \leq \Delta(G) + 1$$