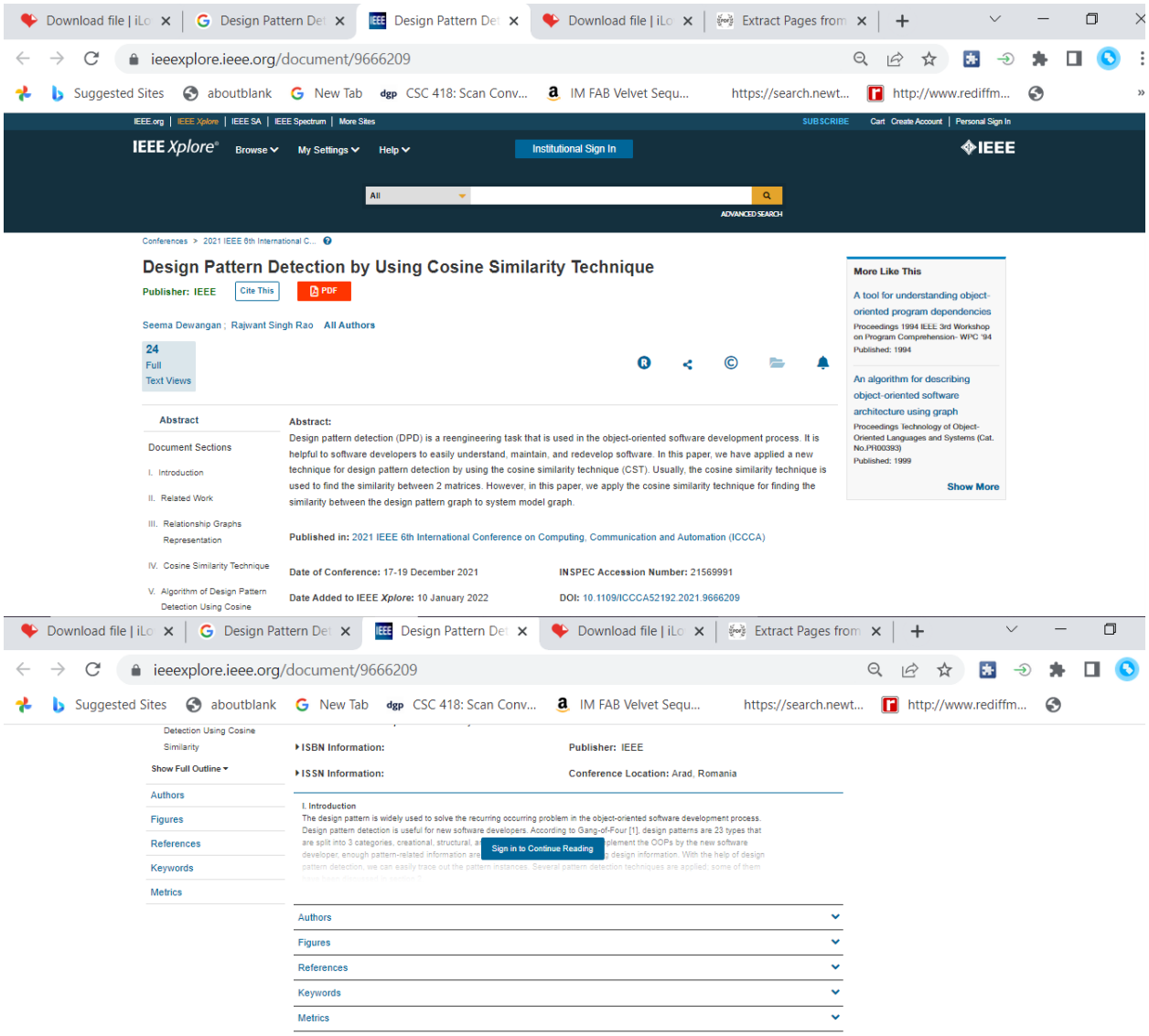
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Abstract
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I. Introduction
II. Related Work
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V. Algorithm of Design Pattern Detection Using Cosine
Abstract:
Design pattern detection (DPD) is a reengineering task that is used in the object-oriented software development process. It is helpful to software developers to easily understand, maintain, and redevelop software. In this paper, we have applied a new technique for design pattern detection by using the cosine similarity technique (CST). Usually, the cosine similarity technique is used to find the similarity between 2 matrices. However, in this paper, we apply the cosine similarity technique for finding the similarity between the design pattern graph to system model graph.
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I. Introduction
The design pattern is widely used to solve the recurring occurring problem in the object-oriented software development process. Design pattern detection is useful for new software developers. According to Gang-of-Four [1], design patterns are 23 types that are split into 3 categories, creational, structural, a
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plement the OOPs by the new software developer, enough pattern-related information are
g design information. With the help of design pattern detection, we can easily trace out the pattern instances. Several pattern detection techniques are applied; some of them
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