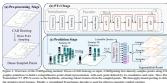


# Horizontal Layout Examples



## 1. Horizontal spread - First 4 pages (small)



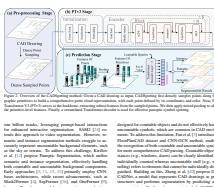
optimizing spatial configurations, and increasing the conversion rate. As a CAD design contains a great deal of information, it is often necessary to use a large amount of memory to store all of this information, which can significantly increase the size of the memory required for the project. In addition, the need for a large amount of memory can also lead to a significant increase in the cost of the project.

Traditional software approach used recognition as a primary method for symbol spotting. This approach is based on the idea that each symbol has a unique set of features that can be used to identify it. However, this approach is not always effective, especially for complex symbols. In addition, it requires a lot of memory to store all of the features, which can lead to a significant increase in the cost of the project. In order to overcome these challenges, we propose a new approach called CADDigitizing, which uses a combination of feature extraction and machine learning to identify symbols in CAD drawings.

CADDigitizing does not rely on stored feature types. Instead, it directly extracts pixels along the boundary of each symbol and performs classification on them. Each pixel is labeled according to its color and shape, forming a binary vector. This vector is then passed through a neural network to predict the symbol type. This approach is more efficient than traditional methods because it does not require a large amount of memory to store all of the features, and it can quickly identify symbols even if they are rotated or scaled.

In this paper, we propose a novel approach for symbol spotting in CAD drawings. We use a combination of feature extraction and machine learning to identify symbols in CAD drawings. Our approach is more efficient than traditional methods because it does not require a large amount of memory to store all of the features, and it can quickly identify symbols even if they are rotated or scaled.

## 2. Horizontal spread - Pages 2-4 (medium, tight)



symbol spotting in CAD drawings. Our approach uses a combination of feature extraction and machine learning to identify symbols in CAD drawings. Our approach is more efficient than traditional methods because it does not require a large amount of memory to store all of the features, and it can quickly identify symbols even if they are rotated or scaled.

## 3. Horizontal spread - Custom selection



symbol spotting in CAD drawings. Our approach uses a combination of feature extraction and machine learning to identify symbols in CAD drawings. Our approach is more efficient than traditional methods because it does not require a large amount of memory to store all of the features, and it can quickly identify symbols even if they are rotated or scaled.