Cloud Resource Allocation Learning

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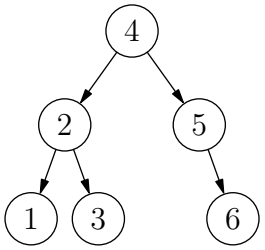
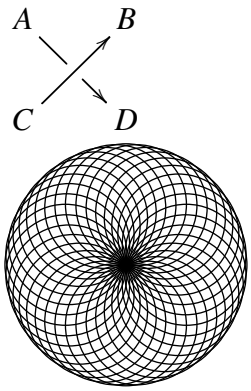


Figure 1: Binary Tree



1 Introduction

Arity: arity of relation R is the number of columns in relation R.

free tuple may use either variables or constants.

conjunctive query, query, query mapping

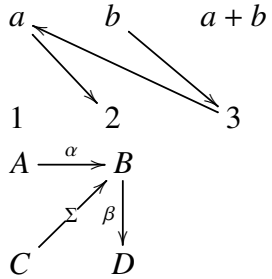
2 Background

$$\left(\begin{array}{ccc|c} a_{11} & a_{12} & a_{13} & b_1 \\ a_{21} & a_{22} & a_{23} & b_2 \\ a_{31} & a_{32} & a_{33} & b_3 \end{array}\right) \tag{1}$$

Red text collide with blue text.

Yellow mark

3 XY-pic Illustrations



*Done during the internship.

4 Body

"It is Kunth's book."

$$1 + 2 = 3$$

$$3 + 4 = 7 \tag{2}$$

90°

$$\int_0^1 f(t)\,\mathrm{d}t$$

$$\frac{1}{2} + \frac{1}{a} = \frac{2+a}{2a}$$

$\mathbb{R}$ is the real field. $\bigoplus_{i=1}^{n} P_i$ is the direct sum.

$$a_{11}x + a_{12}y + a_{13}z = A \tag{3a}$$
$$a_{21}x + a_{22}y + a_{23}z = B \tag{3b}$$
$$a_{31}x + a_{32}y + a_{33}z = C \tag{3c}$$

$$|A_1 \cup A_2 \cup \ldots \cup A_n| = \sum_{1 \leq i_1 \leq n} |A_{i_1}| - + \sum |A_{i_1} \cap | \tag{4}$$

5 Code

```
#include <stdio.h>
int main(){
    printf("Hello world.");
}
```

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