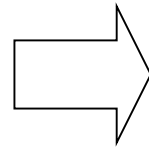
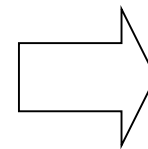


# The IPO Algorithm: Pairwise Coverage Example

| <u>A</u> | <u>B</u> |
|----------|----------|
| A1       | B1       |
| A1       | B2       |
| A2       | B1       |
| A2       | B2       |



| <u>A</u> | <u>B</u> | <u>C</u> |
|----------|----------|----------|
| A1       | B1       | C1       |
| A1       | B2       | C2       |
| A2       | B1       | C3       |
| A2       | B2       | C1       |



| <u>A</u> | <u>B</u> | <u>C</u> |
|----------|----------|----------|
| A1       | B1       | C1       |
| A1       | B2       | C2       |
| A2       | B1       | C3       |
| A2       | B2       | C1       |
| A2       | B1       | C2       |
| A1       | B2       | C3       |

Horizontal Growth

Vertical Growth