

# LECTURE 1

Pair

|          |          |         |
|----------|----------|---------|
|          | $\alpha$ | $\beta$ |
| $\alpha$ | B-       | A       |
| $\beta$  | C        | B+      |

my grades

Pair

|          |          |         |
|----------|----------|---------|
|          | $\alpha$ | $\beta$ |
| $\alpha$ | B-       | C       |
| $\beta$  | A        | B+      |

pair grades

Pair

|          |          |         |
|----------|----------|---------|
|          | $\alpha$ | $\beta$ |
| $\alpha$ | B-, B-   | A, C    |
| $\beta$  | C, A     | B+, B+  |

Pair

|          |          |         |
|----------|----------|---------|
|          | $\alpha$ | $\beta$ |
| $\alpha$ | 0, 0     | 3, -1   |
| $\beta$  | -1, 3    | 1, 1    |

my grades

we say that my strategie  $\alpha$  strictly dominates my strategie  $\beta$  (Beta) if my pay off from  $\alpha$  is strictly greater than <sup>that</sup> from  $\beta$ , regardless of what others do.

Do not play a strictly dominated Strategie.

start by 2