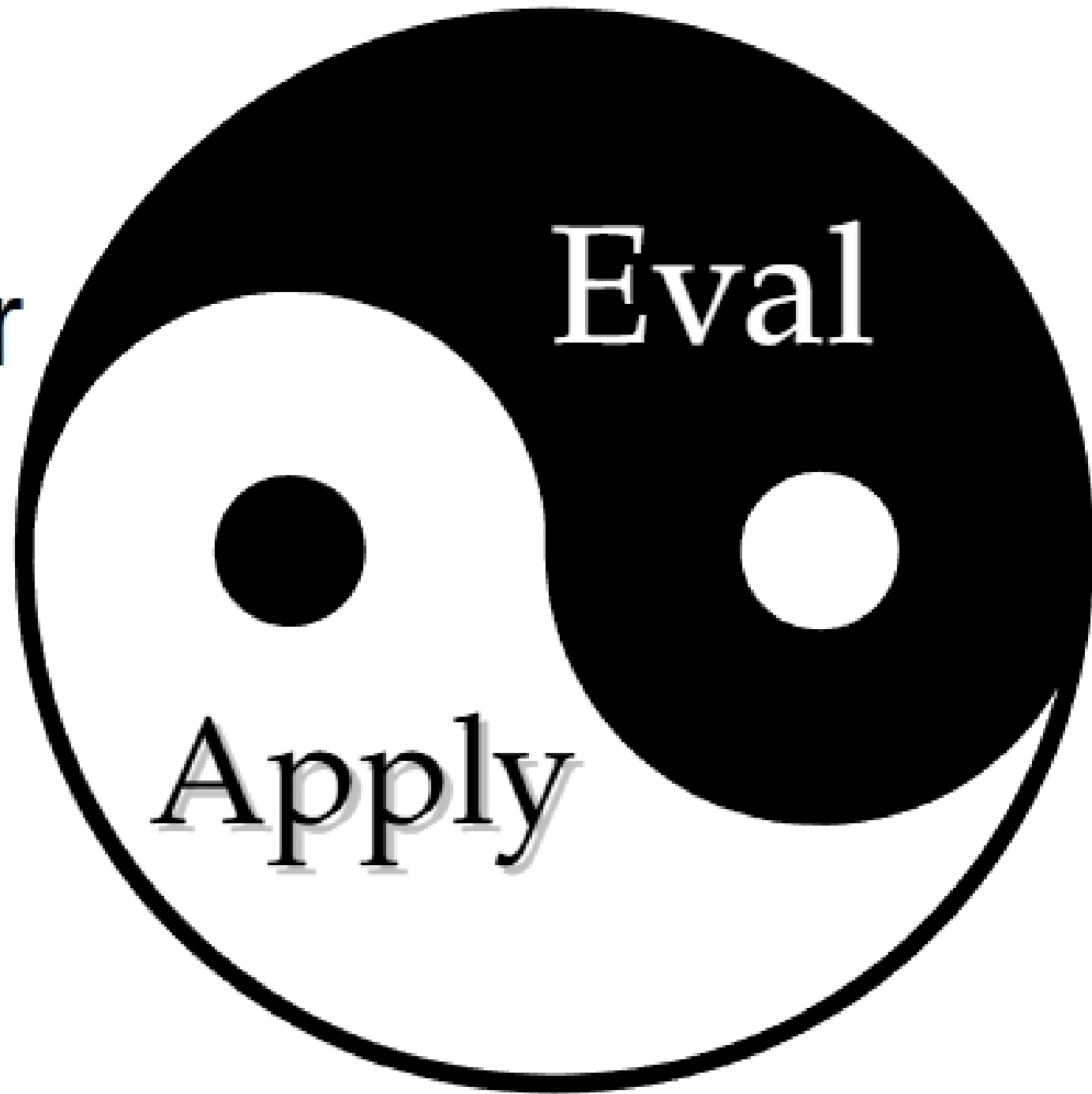


Lecture 25: The Metacircular Evaluator



Menu

- Metacircular Evaluator Core Review
- Implementing Environments

Environmental Model of Evaluation

1. To **evaluate** a combination, **evaluate** all the subexpressions and **apply** the value of the first subexpression to the values of the other subexpressions.
2. To **apply** a compound procedure to a set of arguments, evaluate the body of the procedure in a new environment. The parent of the new environment is the procedure's environment; the frame is a new frame that contains places with the formal parameters bound to the arguments.