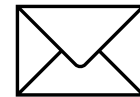


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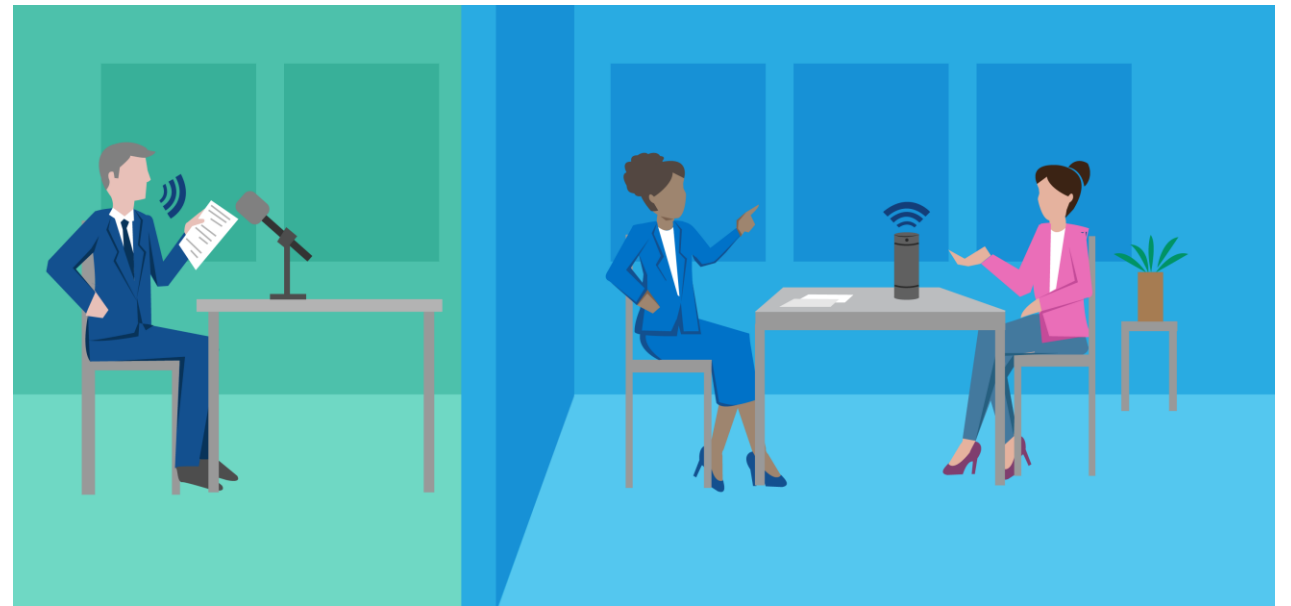
Problem


controlled lab studies

real world



Complex interactions

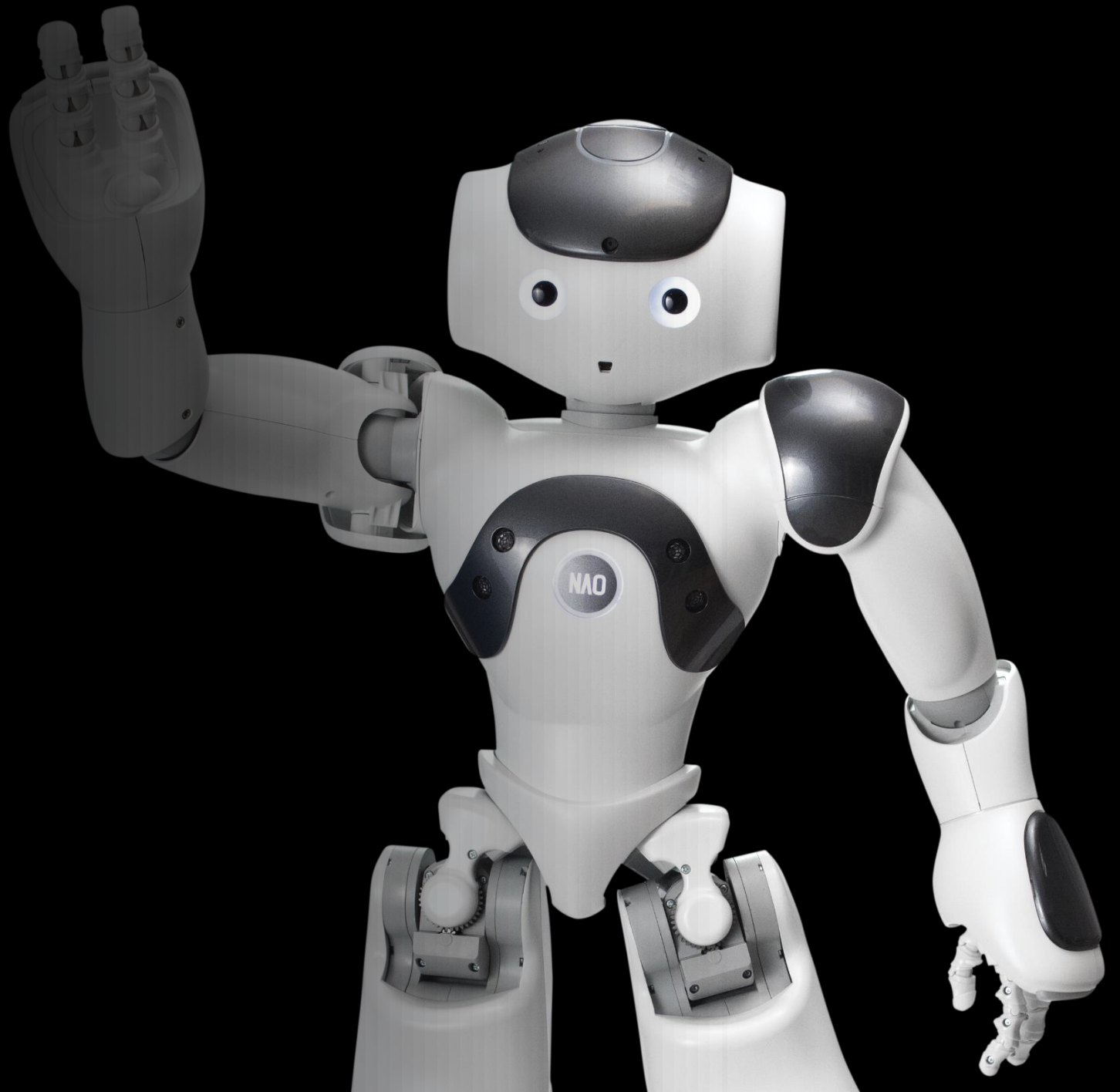




When Can I Get a Robot for my Home?: A Constrained Design Approach to Feasible, Deployable Companion Robots

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Design Strategies for Feasible & Deployable Robots

simple physical design

Design Strategies for Feasible & Deployable Robots

simple physical design

simple behaviors

Design Strategies for Feasible & Deployable Robots

simple physical design

simple behaviors

pre-programmed behaviors

Design Strategies for Feasible & Deployable Robots

simple physical design

simple behaviors

pre-programmed behaviors

inconspicuous errors

Design Strategies for Feasible & Deployable Robots

simple physical design

simple behaviors

pre-programmed behaviors

inconspicuous errors

rely on people for actions



Conclusion

Using currently available technology to create feasible, successful and deployable robots



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Questions?

