#### Online MRI Reconstruction

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#### Outline

#### MRI principle

Online reconstruction
Online reconstruction methods
Theoretical convergence results

Experiments
first results
parallel imaging
Non cartesian

Conclusion and future Work

# Magnetic Resonance Imaging

## Inverse problem setup

#### From Offline to Online

# Timing considerations

#### Online reconstruction framework

# Online type I: accumulation

## Online type II: iteration

## Input data

#### Methods and metrics