# EXAMINING CROWD WORK AND GIG WORK THROUGH THE HISTORICAL LENS OF PIECEWORK

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# **INTRODUCTION**

#### **OPEN PROBLEMS IN CROWDSOURCING**

Complexity Suzuki et al. [21], Kim and Monroy-Hernández [10], Yuan et al. [23], Nebeling et al. [18], and Hahn et al. [7]

Decomposition Celis et al. [3], Lykourentzou et al. [16], Law et al. [15], Chang, Kittur, and Hahn [4], and Newell and Ruths [19]

**Relationships** Irani and Silberman [9, 8], Gray et al. [6], and McInnis et al. [17]

#### **WHATAATATAT**

WHAT IS THE FUTURE OF WORK?

#### INTRODUCTION

## We hope to provide:

A useful ontological lens for making sense of crowdsourcing and gig work (which we collectively call "on-demand work") as a resurgence of *piecework*.

A method for making sense of contemporary phenomena through *historical analysis*.

#### A CASE FOR COMPARATIVE HISTORICAL ANALYSIS

Historical analysis is nothing new

Wyche, Sengers, and Grinter [22] and Bødker [2]

#### A BRIEF GLOSSARY

Crowd work: digitally mediated **information work** — for example, work done on Amazon Mechanical Turk [13]

Gig work: digitally mediated — but often **physically embodied** — one-off jobs, such as *driving*, *courier services*, and *administrative support* [5, 20]

#### **COMPLEXITY**

What kinds of problems do we mean when we talk about complexity?

Can crowds improve existing works? [1, 12]

Can crowds critique designs? [23]

Can crowds create things from whole cloth? [10, 11, 7, 14]

# WHAT DOES THE CROWDSOURCING LITERATURE SAY?

something pretty insightful I bet!

### WHAT DOES THE PIECEWORK LITERATURE SAY?

something even more insightful, I'm sure!

#### LET'S COMPARE THIS STUFF

some text here some text here

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