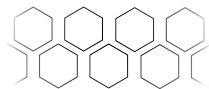


# OPEN PROBLEMS IN CROWDSOURCING



Tasks

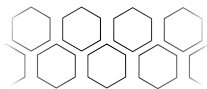
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Suzuki et al. [15], Kim and Monroy-Hernández [7], Yuan et al. [17], Yu, Kittur, and Kraut [16], Nebeling et al. [12], and Hahn et al. [4]



Complexity



Tasks

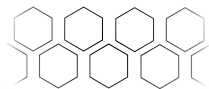
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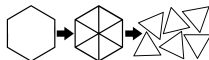
Complexity



Tasks

## – Decomposition

Celis et al. [1], Lykourantzou et al. [10], Law et al. [8], Chang, Kittur, and Hahn [2], and Newell and Ruths [13]

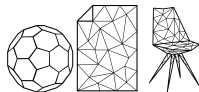


Decomposition

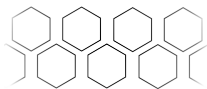
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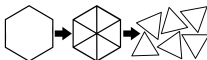
Complexity



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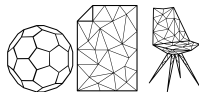


Decomposition

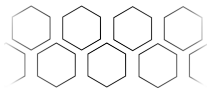
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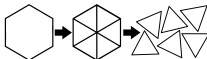
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Decomposition

## – Relationships

Irani and Silberman [6, 5], Gray et al. [3], McInnis et al. [11], Salehi et al. [14], and Lee et al. [9]



**WHAT IS THE FUTURE OF WORK?**

## WHAT IS THE FUTURE OF WORK?

How will **technology** affect the **complexity** of the work that on-demand workers do?

What are the **limits** of complexity in on-demand work?

How can we **reach** those limits?

## 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*.