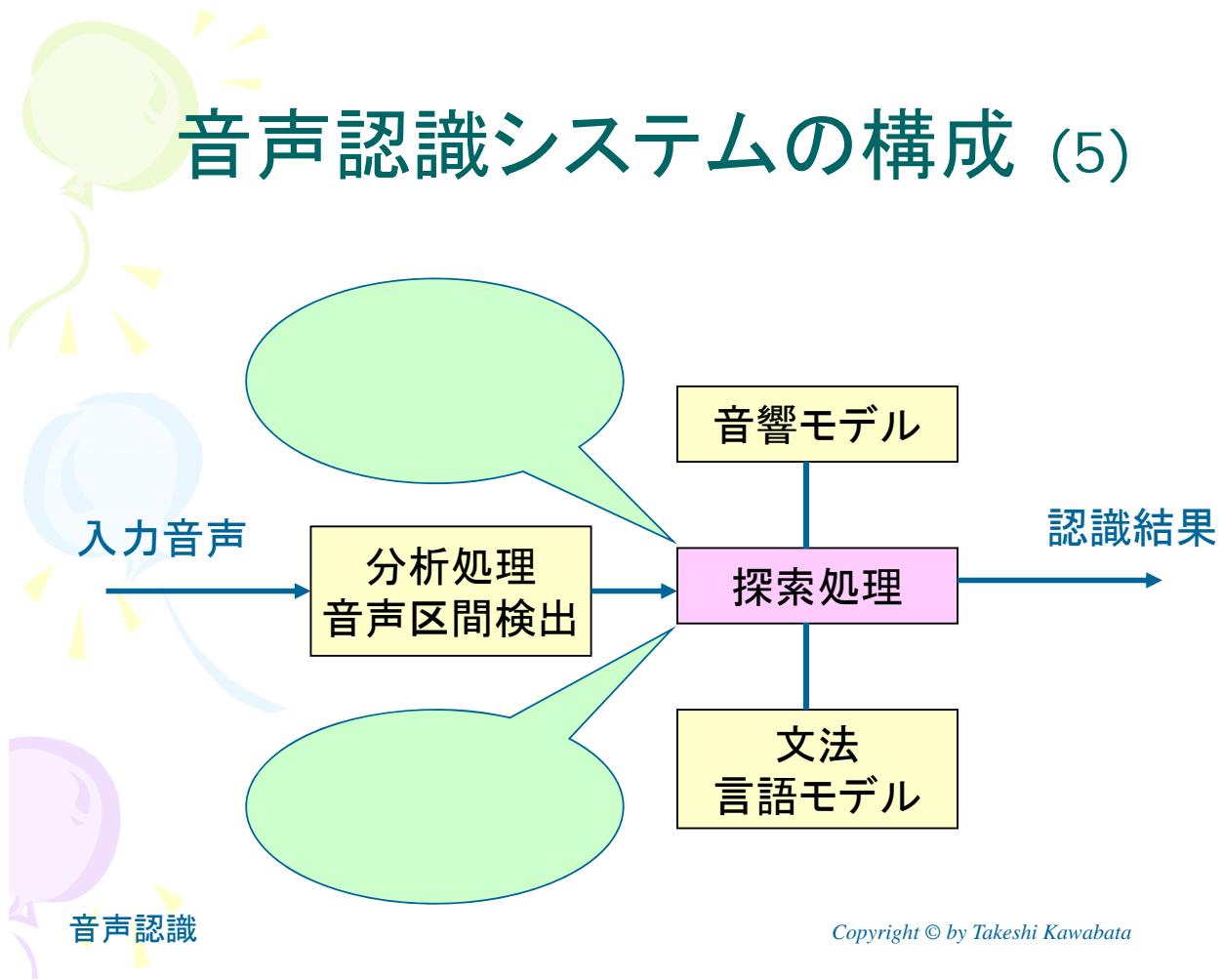
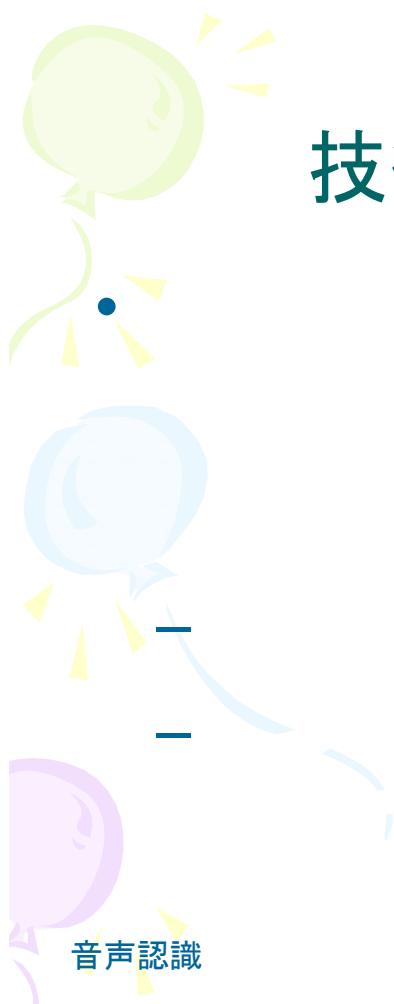


# 音声認識システムの構成 (5)

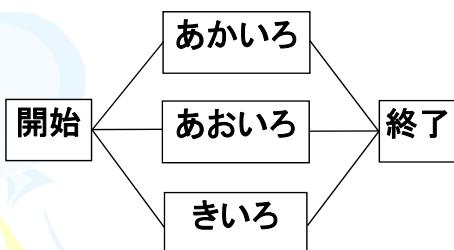


## 技術各論>解の探索

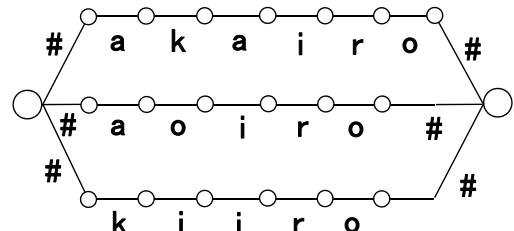


## 技術各論>解の探索 (2)

### ・音素ネットワークへの展開



単語ネットワークによる文法記述



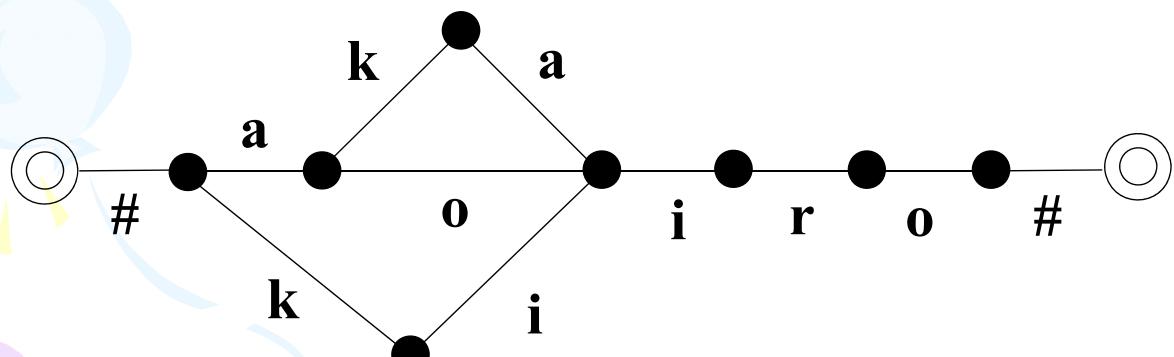
展開された音素ネットワーク

音声認識

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## 技術各論>解の探索 (3)

### ・音素ネットワークにおける音素の共有

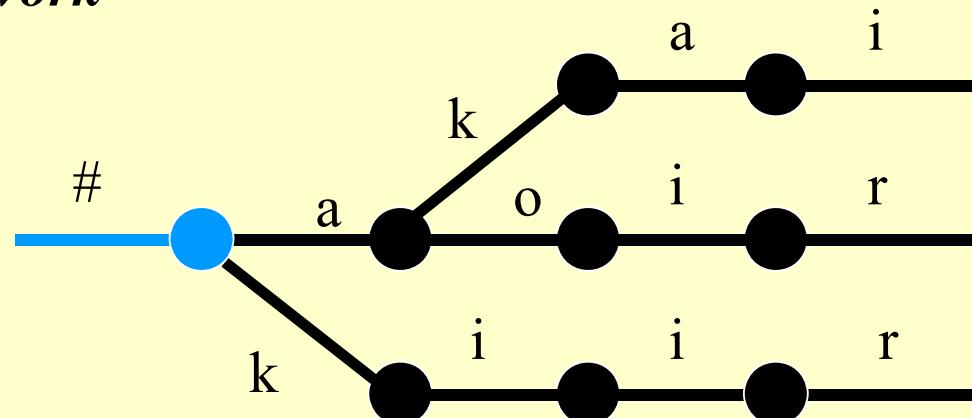


音声認識

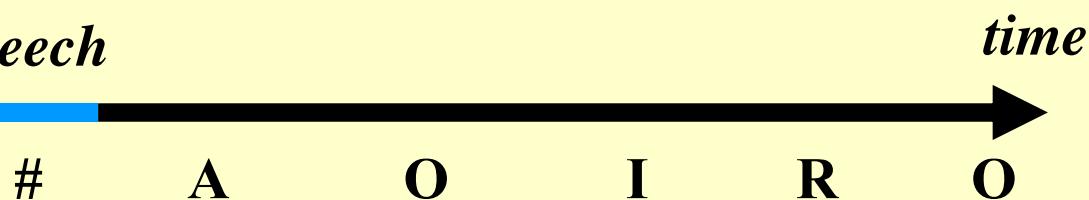
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## 音素同期ビーム探索(1)

*network*

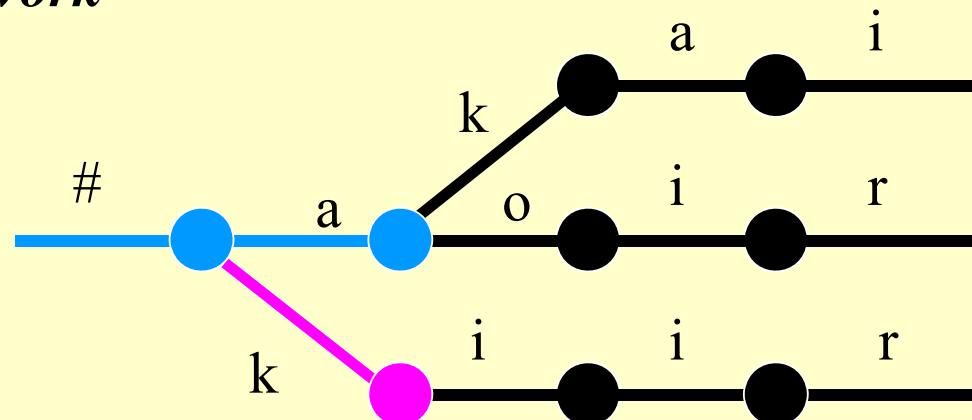


*speech*

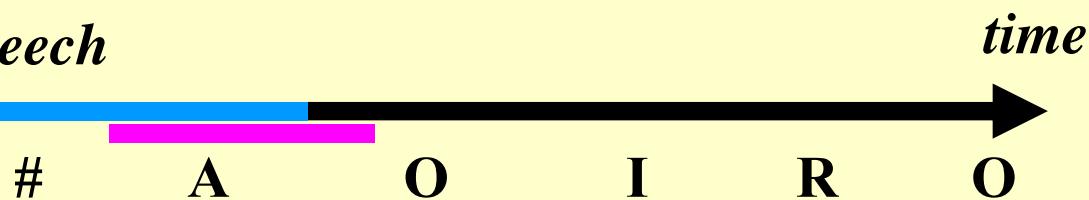


## 音素同期ビーム探索(2)

*network*

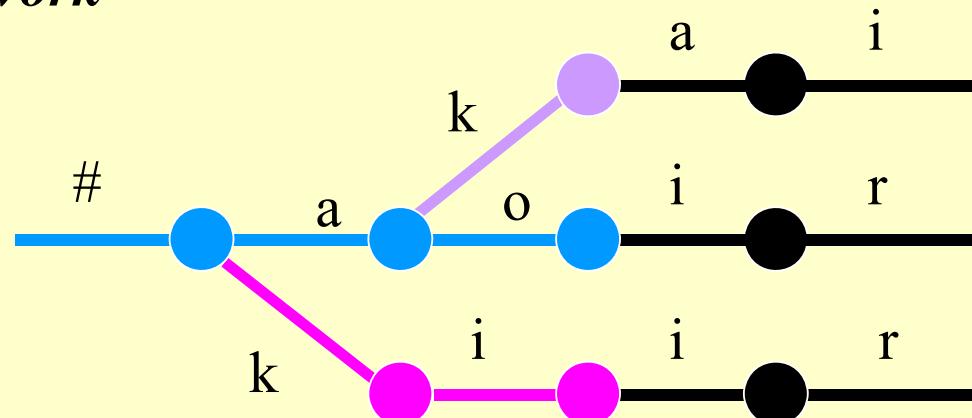


*speech*

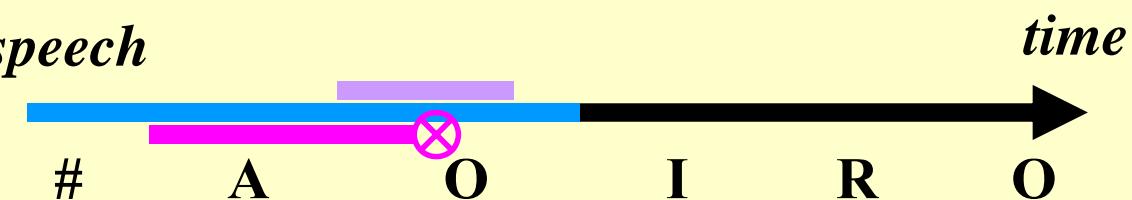


## 音素同期ビーム探索(3)

*network*

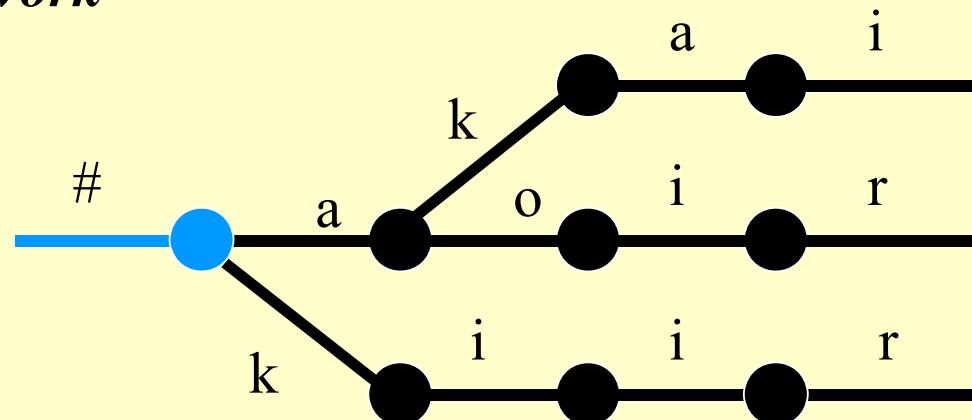


*speech*



## 時間同期ビーム探索(1)

*network*

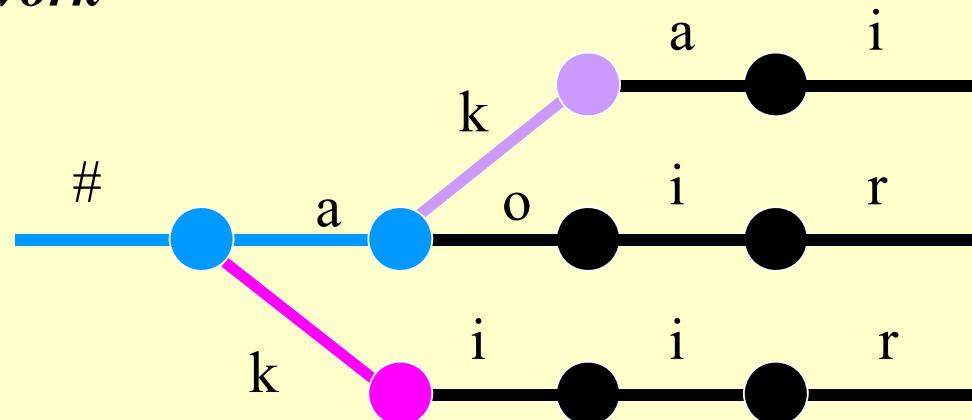


*speech*

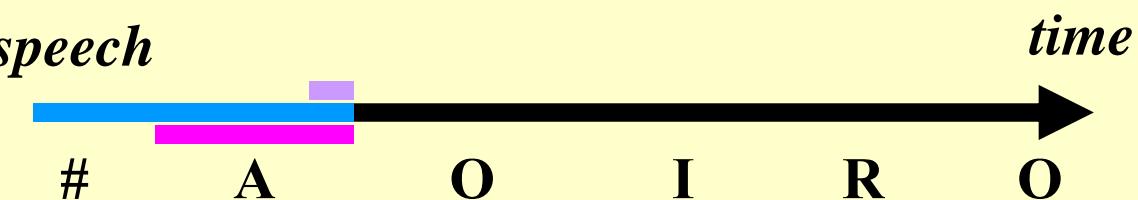


## 時間同期ビーム探索(2)

*network*

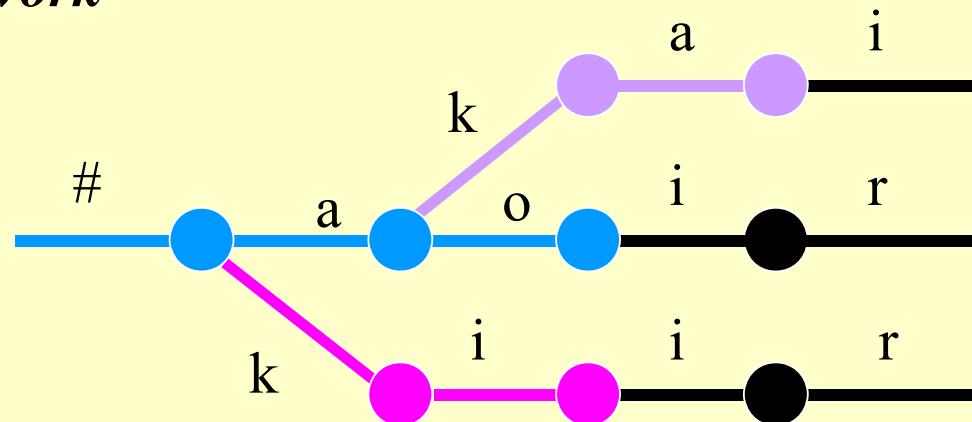


*speech*

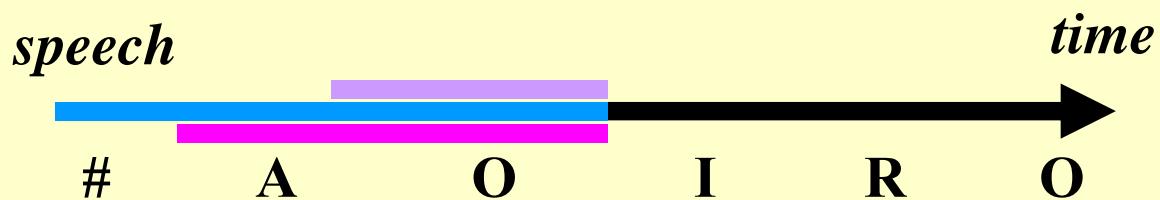


## 時間同期ビーム探索(3)

*network*



*speech*



# ここまで学んだポイント

## 1. 技術各論 > 解の探索

- 音素同期探索と時間同期探索
- 認識精度と処理速度のトレードオフ設計