

Основне академске студије  
Информациони инжењеринг

Основи рачунарске интелигенције

# Примене вештачке интелигенције

(материјали за предавања)

- 1. Примери примене вештачке интелигенције**
2. Извори и литература

# Примери примене вештачке интелигенције

## Пример А – Текст

*A year ago, Joaquin Phoenix made headlines when he appeared on the red carpet at the Golden Globes wearing a tuxedo with a paper bag over his head that read, "I am a shape-shifter. I can't change the world. I can only change myself." It was a promise to not change to fit into the Hollywood mold: "I think that's a really special thing, to not change yourself. I think it's a really special thing to say, `This is what's inside of me, I'm proud of it, and I'm not going to be ashamed because of the way that someone else thinks I should be.'" Now, it's the Oscars, and Phoenix is at it again. But this time, his publicist is saying he'll be wearing a tux no matter what.*

...

<https://arxiv.org/abs/2005.14165>  
<https://arxiv.org/pdf/2005.14165.pdf>

## Пример А – Текст

*A "Gigamuru" is a type of Japanese musical instrument. An example of a sentence that uses the word Gigamuru is:*

*I have a Gigamuru that my uncle gave me as a gift. I love to play it at home.*

<https://arxiv.org/abs/2005.14165>  
<https://arxiv.org/pdf/2005.14165.pdf>

## Пример А – Текст

### *GPT-3*

компанија *OpenAI*

ауторегресивни језички модел

175 милијарди параметара

генерисање текста

истраживање

Brown TB et al. Language models are few-shot learners. 2020. arXiv:2005.14165.

Internet: <https://arxiv.org/abs/2005.14165>

<https://arxiv.org/pdf/2005.14165.pdf>

## Пример Б – Сlike

### *DALL·E 2*

компанија *OpenAI*

генерисање слика

Интернет страна

<https://openai.com/dall-e-2/>

истраживање

Ramesh A, Dhariwal P, Nichol A, Chu C, Chen M. Hierarchical text-conditional image generation with CLIP latents. 2022. arXiv:2204.06125. Internet:

<https://arxiv.org/abs/2204.06125>

<https://arxiv.org/pdf/2204.06125.pdf>

## Пример В – Роботи

компанија *Boston Dynamics*

компанија *Hyundai*

роботика

Интернет страна

<https://www.bostondynamics.com/>

### примери

Boston Dynamics. Do you love me?. 2020. Internet:  
<https://www.youtube.com/watch?v=fn3KWM1kuAw>

Boston Dynamics. Atlas | Partners in Parkour. 2021. Internet:  
<https://www.youtube.com/watch?v=tF4DML7FIWk>

HyundaiUSA. See what an Ultimaty Mobility Vehicle can do | TIGER | Hyundai.  
2021. Internet: <https://www.youtube.com/watch?v=FuqjDgndIro>

Hyundai Australia. Hyundai | Spot Boston Dynamics. 2022. Internet:  
<https://www.youtube.com/watch?v=PTaPEkIGjLQ>

1. Примери примене вештачке интелигенције
- 2. Извори и литература**

## Основни извори и литература

- ◆ Brown TB et al. Language models are few-shot learners. 2020. arXiv:2005.14165. Internet: <https://arxiv.org/abs/2005.14165>
- ◆ OpenAI. DALL·E 2. Internet: <https://openai.com/dall-e-2/>
- ◆ Ramesh A, Dhariwal P, Nichol A, Chu C, Chen M. Hierarchical text-conditional image generation with CLIP latents. 2022. arXiv:2204.06125. Internet: <https://arxiv.org/abs/2204.06125>
- ◆ Boston Dynamics. Changing your idea of what robots can do. Internet: <https://www.bostondynamics.com/>
- ◆ Boston Dynamics. Do you love me?. 2020. Internet: <https://www.youtube.com/watch?v=fn3KWM1kuAw>
- ◆ Boston Dynamics. Atlas | Partners in Parkour. 2021. Internet: <https://www.youtube.com/watch?v=tF4DML7FIWk>

## Основни извори и литература

- ◆ HyundaiUSA. See what an Ultimate Mobility Vehicle can do | TIGER | Hyundai. 2021. Internet: <https://www.youtube.com/watch?v=FuqjDgndIro>
- ◆ Hyundai Australia. Hyundai | Spot Boston Dynamics. 2022. Internet: <https://www.youtube.com/watch?v=PTaPEkIGjLQ>

Основне академске студије  
Информациони инжењеринг

Основи рачунарске интелигенције

# Примене вештачке интелигенције

(материјали за предавања)