Sopie: huage as a foreign danguage:
BEIT Retaining for de vision tion and vision- Language tasks Abstract A big convergence of language, vision, and multimodal pidraining is emerging. In tetes work, me introduced general purpose mutmodal foundedia model BEIT-3 volium achieves state - of - the - art transfer programme Performance on both vision and viscos - Campage toubs- Specifically, ne con advance the big convergance from three aspects: boulebone declifecture, pretraining task and model scaling up we introduce purpose modelling, vehre the midular architecture enables tothe deep fusion and modality-specific modelling (encoding). Based on the Should backbone, me perform masked (Imglish) leanguage modelling on images (Imglish) text (English) and image text pairs ("parallel suntences") in a unified manner Experimental results subw That BEIT-3 Obtains state- Of - the-aut performance on object detution (codo), semantie signent ation (Abbrox), may classification (Image

, visual ecasoning (NUVR), visual questia answering (VQAVZ) image captioning (COCO) and cross model reterevore (Hicke 30k, (000) Conclusion In this paper, we present BEIT-3, a general purpose multimodal foundation model, which achieves state-of-the-art performance across a wide lange of vision and vision language bencember the key idea of BEIT-3 is that image can be modelled as a forign canguage so that we can conduct masked language modelling oner images, text and Emayetext pairs in a unifeid way we also deriorstrate that Multiway Teams formers can effectively model difficult vision and vision language tasks, making et purpose modelling BEIT-3 is Simple and effective and is a promising direction for scaling up mintimodale foundation models for future wealk, multilingual HIT-3 and including the cross-lingual and advance the loig convergance of large scale perkalny aclos tooks, languages and modalitus we are also intersted un enabling in context learning capability for

the strength of PEIT-3 and Mitalk