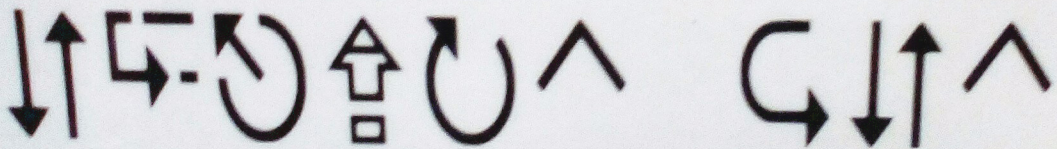




Ros Imperial Thalasso

GRECOTEL HOTELS & RESORTS

ECRYPT NET



**Private
Function**



Ros Imperial Thalasso

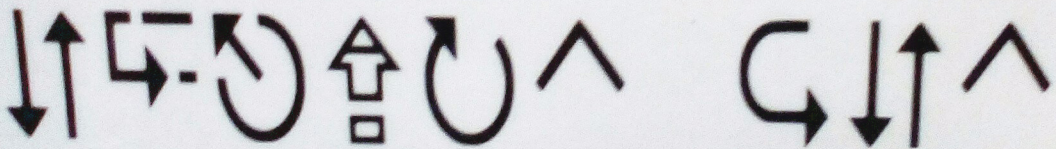
GRECCOTEL HOTELS & RESORTS

RUHR
UNIVERSITÄT
BOCHUM



Matthias Minihold

ECRYPT NET

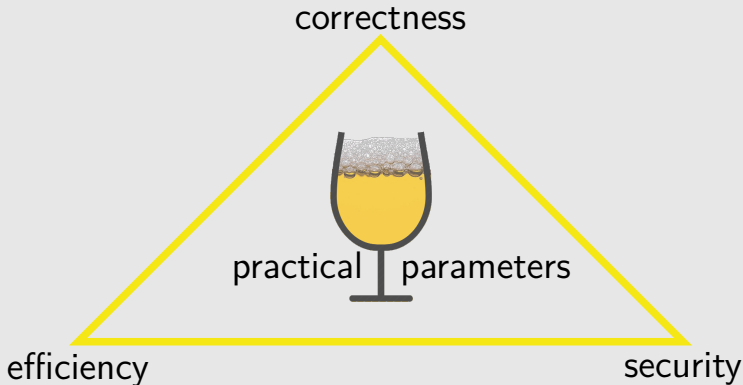


**Practical
Homomorphic
Encryption**

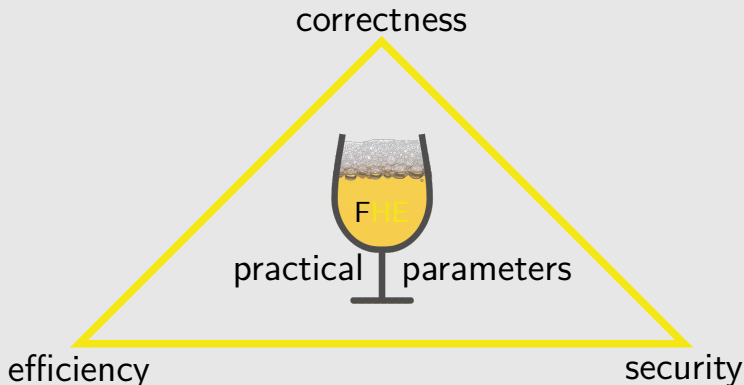
Triangulating ...



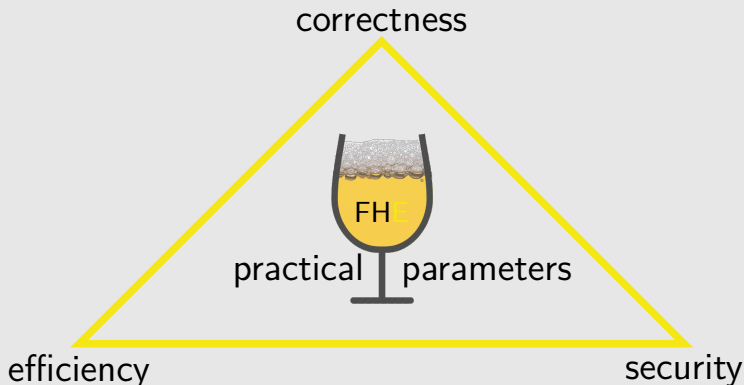
Triangulating ... the Holy Grail



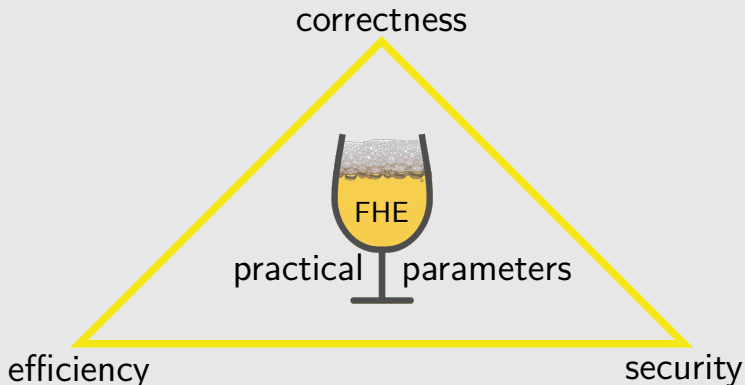
Triangulating ... the Holy Grail



Triangulating ... the Holy Grail

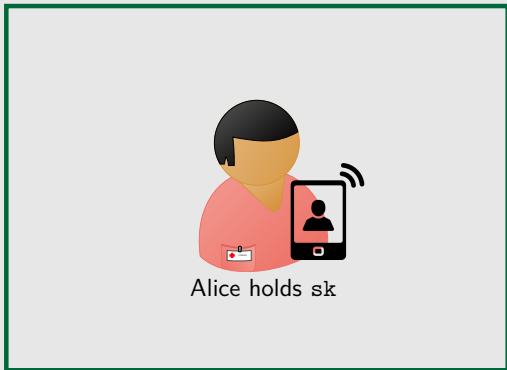


Triangulating ... the Holy Grail

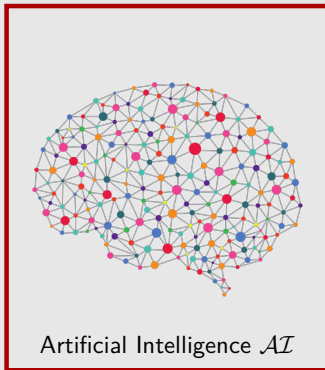


FHE–DiNN: Practical Homomorphic Evaluation

Client



Server



FHE–DiNN: Practical Homomorphic Evaluation

Client



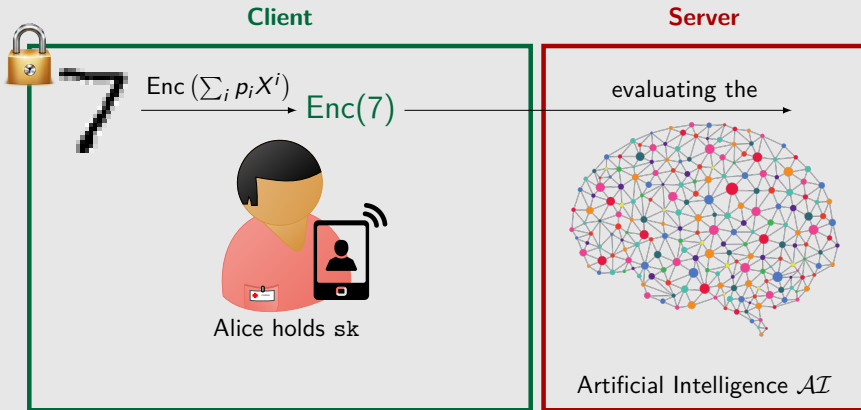
Alice holds sk

Server

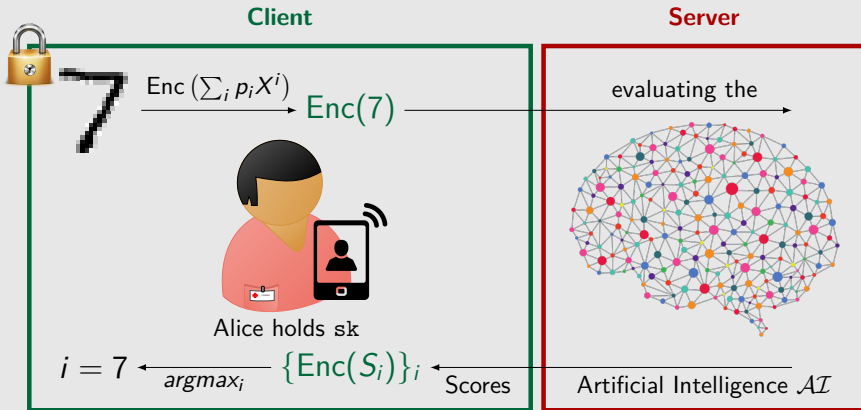


Artificial Intelligence \mathcal{AI}

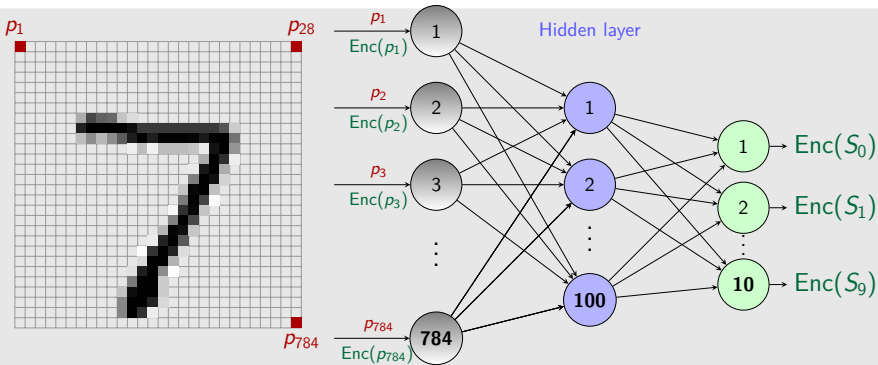
FHE-DiNN: Practical Homomorphic Evaluation



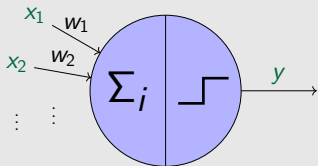
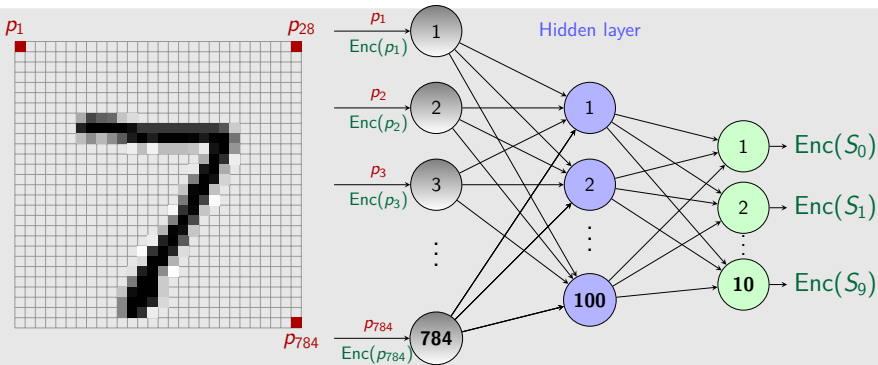
FHE-DiNN: Practical Homomorphic Evaluation



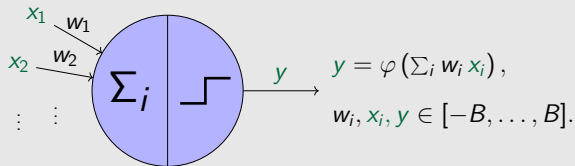
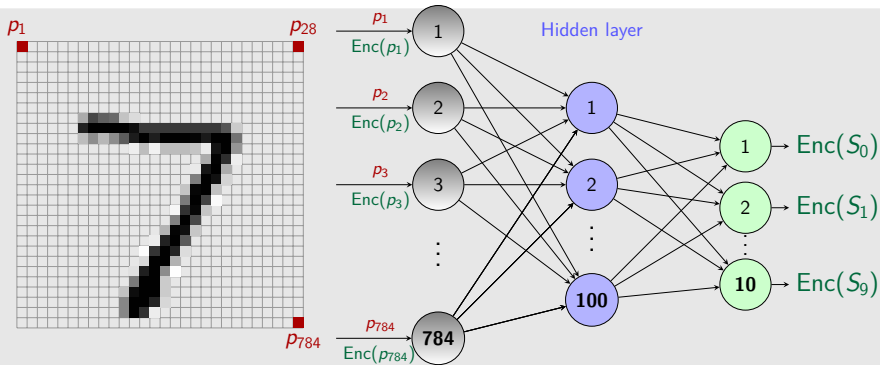
FHE-DiNN: 96.35% accuracy in 1.64 [sec]



FHE-DiNN: 96.35% accuracy in 1.64 [sec]



FHE-DiNN: 96.35% accuracy in 1.64 [sec]



FHE-DiNN: 96.35% accuracy in 1.64 [sec]

