Off-network pricing for folding containerized base stations

What is the optimal offloading strategy under varying mobile device locations?
In , the optimal offloading strategy was investigated under varying mobile device locations, and the problem was formulated as a Markov Decision Process and solved with an iterative algorithm.

Can a femto base station solve a computation offloading problem?
Currently,many studies mainly focus on computation offloading problem with only macro base station (MBS) [11,12,13]. However,MBS signals may not provide sufficient coverage for MUs situated beyond the MBS. Several studies recommend implementing femto base station (FBS) to solve this problem[14,15,16,17,18].

What is Computation offloading for multicell network in MEC?
Many scholars have conducted relevant research on computation offloading for multicell network in MEC [19, 20, 21, 22, 23]. These works mainly use joint optimization or game theory methods to solve the computation offloading and resource allocation issues in cellular networks, aiming to minimize user energy consumption and latency.

Should a femto base station be implemented?
Several studies recommend implementing femto base station (FBS) to solve this problem[14,15,16,17,18]. FBS is a smaller base station with shorter transmission distance and lower operating cost compared to MBS.

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In containerized MEC networks, UEs offload computational tasks to edge server containers, enabling service providers to profit from offering scalable and portable services, ...

Base year costs for commercial and industrial BESSs are based on NLR's bottom-up BESS cost model using the data and methodology of (Ramasamy et al., 2023), who estimated costs for a ...

To address this problem, the integration of multi-base station (BS) with MEC has attracted widespread attention. In this paper, we propose the joint optimization problem of ...

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To address such load-unbalanced problem in MEC systems, in this paper we propose virtual machines

(VMs) sharing across base stations. Specifically, we consider the ...

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