数学作业纸

班级:

姓名:

编号:

第

页

2.
$$d^{(k)} = -g^{(k)} + \beta_{k} d^{(k-1)}$$

$$d^{(k)} + Q d^{(k)} = d^{(c)T} Q (-g^{(k)} + \beta_{k} d^{(k-1)})$$

$$= -d^{(k)T} Q f^{(k)} + \beta_{k} d^{(k)T} Q f^{(k)}$$

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