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## The zeta functions of complexes from $\mathrm{GSP}(4)$

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The zeta function attached to a finite complex arising from  $\mathrm{PGL}(3)$  was studied in [KWL] and [KL]. The groups  $\mathrm{PGSP}(4)$  and  $\mathrm{PGL}(3)$  both have rank two, so there exists some similarity on the zeta functions from these two groups. Using similar approach in [KWL] of representation theorem by analyzing the eigenvalues of operators on vertices, edges, and chambers, we obtain the zeta identity on these operators.