

**Tables of  $\langle H_\mu[X; q, t], h_\lambda[X] \rangle$  for  $n = 2$** 

$$\mu \setminus \lambda \quad [2] \quad [1, 1]$$

$$[2] \quad 1 \quad q + 1$$

$$[1, 1] \quad t \quad t + 1$$

**Tables of  $\langle H_\mu[X; q, t], h_\lambda[X] \rangle$  for  $n = 3$** 

$$\mu \setminus \lambda \quad [3] \quad [2, 1] \quad [1, 1, 1]$$

$$[3] \quad 1 \quad 1 + q^2 + q \quad (q + 1)(1 + q^2 + q)$$

$$[2, 1] \quad t \quad t + qt + 1 \quad 2qt + 2 + t + q$$

$$[1, 1, 1] \quad t^3 \quad t(t + 1 + t^2) \quad (t + 1)(t + 1 + t^2)$$

**Tables of  $\langle H_\mu[X; q, t], h_\lambda[X] \rangle$  for  $n = 4$** 

$$\mu \setminus \lambda \quad [4] \quad [3, 1] \quad [2, 2] \quad [2, 1, 1] \quad [1, 1, 1, 1]$$

$$[4] \quad 1 \quad (q + 1)(1 + q^2) \quad (1 + q^2)(q^2 + 1 + q) \quad (q + 1)(1 + q^2)(q^2 + 1 + q) \quad (1 + q^2)(q^2 + 1 + q)(q + 1)^2$$

$$[3, 1] \quad t \quad qt + 1 + q^2t + t \quad q + 2q^2t + qt + 1 + t \quad q^3t + 2q + q^2 + 3q^2t + 2qt + 2 + t \quad (q + 1)(3q^2t + q^2 + 2qt + 2q + 3 + t)$$

$$[2, 2] \quad t^2 \quad t(q + 1)(1 + t) \quad qt + q^2t^2 + 1 + qt^2 + t + t^2 \quad (q + 1)(1 + t)(qt + t + 1) \quad (q + 1)(1 + t)(2qt + t + q + 2)$$

$$[2, 1, 1] \quad t^3 \quad t(1 + qt^2 + t + t^2) \quad t(qt + qt^2 + t + 2 + t^2) \quad 2qt^2 + qt + 1 + 2qt^3 + 2t^2 + 3t + t^3 \quad (t + 1)(3qt^2 + t^2 + 2qt + 2t + 3 + q)$$

$$[1, 1, 1, 1] \quad t^6 \quad t^3(t + 1)(t^2 + 1) \quad t^2(t^2 + 1)(t^2 + t + 1) \quad t(t + 1)(t^2 + 1)(t^2 + t + 1) \quad (t^2 + 1)(t^2 + t + 1)(t + 1)^2$$