1. Periodic Building Unit:

SZR can be built using the [6⁺]-cage (Figure 1) built from three 6-ring boats (one in bold). The one-dimensional Periodic Building Unit (PerBU) is obtained when [6⁺]-cages, related by pure translations along \( c \), are connected along \( c \) through double 6-rings as shown in Figure 1. Saw chains (one in bold) parallel to \( c \) are formed. The repeat distance along the saw chain is about 7.5 Å and the repeat unit consists of 3 T atoms. The [6⁺]-cage is also observed in MSO.

2. Connection mode:

Neighboring PerBUs, related by a shift of \( \frac{1}{2}(a + b) \), are connected through 5-rings (Figure 2).
3. Projections of the unit cell content:

![Parallel projections of the unit cell content along b (left) and a (right).](image)

4. Channels and/or cages:

One-dimensional 10-ring channels are parallel to $c$. Transport of matter between the 10-ring channels is impossible because the 8-ring windows are blocked by unremovable Potassium-chains in 8-ring channels parallel to $b$. The channels are shown in Figure 4. The pore descriptors are added.

![10-Ring channel viewed along a (left) and along c (right); 8-Ring channel viewed along c (left) and along b (right); Fusion of channels viewed along c.](image)
5. Supplementary information:

**Other framework types containing (modified) cavities**
Several other framework types can be built using (modified) cavities. In the INTRO-pages links are given to a detailed description of a sub-set of framework types that contain (modified) cavities (choose: Cages). There is also a link provided to a summary of the PerBUs used in the building schemes of these framework types (choose: Appendix; Figure 11).

**Alternative description using saw chains**
In several framework types at least one of the unit cell dimensions is about n*7.5 Å (where n = 1, 2, 3... etc.). In many cases this indicates the presence of saw chains. In the INTRO pages links are given to descriptions of other framework types containing (twisted) saw chains (choose: Saw chains). There is also a link provided to a summary of the Periodic Building Units used in the building schemes of these framework types (choose: Appendix; Figure 2).