In this series of volumes, we present yet additional propulsion modes. One new mode involves the concept of wormhole expansion or production in connected and proximate lengths of throats but which then explosively implode thereby releasing large quantities of energy into a suitable spacecraft chamber, say for example, a wormhole reactor. The energy can then be used for direct propulsion as in a sail mechanism, an exhaust chamber, or alternatively be converted to electrical power to operate electrical propulsion systems. We will use an abbreviated form of the following operator to denote the implosive wormhole power sources dimensionless propulsive power enhancement factor: {(Context Specific):{f[(Wormhole Power Factor)[g[(Wormhole Diameter),(Wormhole Length).(Wormhole Number Of Spatial Dimensions),(Wormhole Number Of Temporal Dimensions),(Internal Wormhole Contents),(Wormhole Wall Fabric)]]]}}. The operator is context specific in value and may thus vary depending on its instantiation and location in the two lengthy formulas provided in this series of books. Another propulsion mode involves speculation on prospects that electromagnetic energy may have hidden classical variables such as hidden energy and/or momentum. Such hidden variables if existent might be generally uncloaked or uncloaked to provide additional propulsion energy per unit of incident electromagnetic radiation. We use an abbreviated form of the following operator to denote electromagnetic hidden energy as uncloaked and converted to spacecraft kinetic energy. {(Context Specific):{f(Standard Model and Mirror Matter Model),(Extent Of Electromagnetic Uncloaking),(Fraction Of Uncloaked EM Converted To Space-Craft Kinetic Energy)}}. The following compound operator in abbreviated form is inserted within the two lengthy formulas contained within the book. {(Context Specific):{f[(WH Power Factor)[g[(WH Diameter),(WH Length).(WH # Of S-Ds),(WH # Of T-Ds),(Internal WH Contents),(WH Wall Fabric)]]]}} + {(Context Specific):{f(SM & MMM),(Extent Of EM Uncloaking),(Fract. Of Uncloaked EM Converted To S-C K.E.)}}. The final abbreviated form of the new compound operator is: {(Cont Spec):{f[(WH P-F)[g[(WH Dia),(WH Length).(WH # Of S-Ds),(WH # Of T-Ds),(Int WH Contents),(WH Wall Fab.)]]]}} + {(Cont Spec):{f(SM & MMM),(Ex Of EM Uncloaking),(Fract Of Uncloaked EM Con To S-C K.E.)}}. The value of the operator can be any real number. In cases where the operator is negative or less than one but greater than zero, a spacecraft kinetic energy bleed off is often the appropriate interpretation of the two mechanisms implied by the operator. The operator is assumed to be manifest on every propulsion mode of the spacecraft and every component for which sigma series with respect to the letter, j, is included as another operator. Thus, the compound operator is virtually universally active on all aspects of ship-based kinetic energy gain or loss so that a separate expression for the two new propulsion modes is not required. This makes lots of sense because any aspect of the spacecraft operation involving the electro-magnetic force may thus include plausible hidden energy components. As for the implosive wormhole aspects of propulsion, such mechanisms may conceivably operate in an effectively distributed manner relative the same propulsion and ship components as the hidden energy mode operates.

The Secret Formula, Richmond Park in the 17th Century (Occasional Papers, Barnes & Mortlake History Society), My First Christmas Sticker Book, Adolescent Community Reinforcement Approach for Adolescent Cannabis Users, Mental Health in the Workplace: A Practical Psychiatric Guide, PRINCIPLES OF FISHERY SCIENCE, Modeling in Clay, Chain Reaction A Call To Compassionate Revolution,