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In "Maggie Had a Little Pigpen" in the May 1991 Word Ways, Peter Newby pointed out that if a 3-by-3 word square was encoded using the pigpen cipher and inverted, it might be possible to read off another 3-by-3 square upon decoding. To ascertain how common such squares might be, I first prepared a list of the 80 pigpen-cipher-invertible words in the Official Scrabble Players Dictionary (first edition). These were then used to construct 24 families of invertible 3-by-3 squares, listed below; the original square is at the left and the decoded inverted square, at the right.

1AD OAF CAR HAJ FEU LOT 2AB HAN GAL 3AP NEB NTH
ANI ANI ANI ANI ELM OPE ANI ANI ANI ANI E4U T4E
DIM F11 RIB JIG UMP TED BIB H12 LI3 PIC BUN HEN

OPE 5OE OPE PEE PAN PAN PEE 5OE TIE 5OE VAS VAV
PAM OIL PEE EEL ANI ANI ELM OPE ISM OVA ANI ANI
EM5 ELM EEL ELM NIL NIL EMS EEL EMS EAU SIS VIS

There are 55 four-letter words in the OSPD that are pigpen-cipher-invertible to other OSPD words; these are listed below. The ones in boldface are self-invertible. However, no invertible 4-by-4 word squares could be constructed from these.

AMIN BUMF BUMP DEAD DOTH EGAD EGAD EPIC EVIL FAIL FEAL
FEED FEEL FICE FIF D GALE GAUM GNW JAIL JEEP JEEER JEEES
JEEZ LEER LEES LEE N NAIL NAIR NEAP OTIC PAID FAIL
PAIN PAIR PASE PEED PREL PIAL PIAS PICE PIED PIES THEW
TINT TUTU UNAU VEAL VEEP VEEER VEEES VIAL WEER ZEBU ZINC

FOR SOME

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I don't think it's too likely: a square of pigpen cipher is not treated much as a mathematical object. This enigma was attached as a property of palindromic words (of资产), and if the odds are million to one, it's likely that occurrence of the mind to the mind.

A DUO GOOD
Evil Star
ATE PETAIN
Star, 19

CHEESE NO DISK
CHEESE? S B

EDAM HANK HE
ATE PE
HE MADE E
HE MADE D

LAV BLOCK NO BRIE
NOT SWISS NO

NOT ROMAN C
NOT LIT, SY

WHY BLOCK